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FEEDING STUFFS REPORT

1922

JAMES W. KELLOGG, Chief Chemist

BUREAU OF CHEMISTRY

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LETTER OF TRANSMITTAL.

PENNSYLVANIA DEPARTMENT OF AGRICULTURE

Bureau of Chemistry.

Harrisburg, April 1, 1923.

Hon. F. P. Willits,
Secretary of Agriculture,
Harrisburg, Pa.

Dear Sir:—I have the honor to transmit herewith for your approval a report showing in tabular form the results of chemical analyses and microscopical examinations of the official samples of Feeding Stuffs made by this Bureau during 1922. These samples were selected by the Special Agents from Selling Agents throughout the State and examined as required in the enforcement of the Act of May 3rd, 1909, as amended May 11th, 1921 regulating the sale of Concentrated Commercial Feeding Stuffs.

It is recommended that this report be published in bulletin form for distribution.

Very respectfully,

JAMES W. KELLOGG,
Chief Chemist.

FEEDING STUFFS REPORT

1922

INTRODUCTION.

This Feeding Stuffs Report for 1922 shows in tabular form the results of the chemical analyses and microscopical examinations of the 1303 official samples selected by the Special Agents in 175 towns and cities and 45 counties throughout the State during the year. They were obtained and examined, as required by the Feeding Stuffs Law, to determine the correctness of labeling and statements of composition printed on sacks, attached cards or on cards attached to bins, from which bulk sales were made and represented 777 different kinds and brands of Feeding Stuffs, the output of 322 Manufacturing and Importing firms. There were 96 samples representing shipments, which were not guaranteed, many of these not being registered as required.

Of the total number of samples representing guaranteed shipments, 99, or 8.2 per cent., were found, upon analysis, to be deficient in either protein or fat or both of these forms of nutrients where the protein failed by 1 per cent. or more and the fat by ½ per cent. or more to meet their guarantees. There were 5 deficient in both protein and fat, 48 in protein alone and 46 in fat alone. In a large proportion of the samples found deficient in one constituent there were overages in another, which tended to balance such deficiencies.

Of the 770 Proprietary Mixed Feeds, which included more than one-half of the total samples examined, there was too large a proportion of them, or 296 samples, which were found to be not true to claimed compositions. Thirteen were adulterated with prohibited materials such as whole weed seeds and rice hulls and 2 were damaged and mouldy. In many certain ingredients claimed were omitted, or were present only in traces and still others included additional ingredients or where substitution of one by-product for another had been made. Of this class of mixed feeds, which includes such by-products as oat hulls oat meal mill by-product, clipped oat by-product, cottonseed hulls and flax plant refuse, where the fiber is restricted to 12.1 per cent., there were 20 cases in which the fiber exceeded this permitted amount showing a reduction in fiber in such feeds compared with previous years' samples. There is much room

for improvement in the correct showing of compositions for mixed feeds as this large proportion of false statements of ingredients is not only a plain violation of the law, but shows a failure to supply the character of feeds as advertised. Because of these deficiencies, misbrandings and failures to register certain brands, 35 prosecutions were ordered during the year.

The Feeding Stuffs registered for 1922 sales in the State numbered 2219 different kinds and brands and 847 licenses for such sales were issued to 633 Manufacturers and Importers.

In addition to the official samples, 411 special samples of Feeds were received from residents of the State during the year and analyzed for a fee of $1.00 each, as provided by the law. The reports submitted in each case were of value in arriving at correct guarantees to be used for feeds to be registered and in checking guarantees in cases of purchased shipments and because the results obtained were for private information they are not included in this report.

In the following pages will be found Acknowledgments, Tables showing Classification of Samples Analyzed and Summary of Deficiencies, Average Analyses and Retail Prices, according to classification, Key to Tables, showing arrangement of tabulations of analyses, and Table III, showing in detail the chemical analyses and microscopical examinations, together with brand names, names and addresses of Manufacturers and Importers for each sample received and examined.

ACKNOWLEDGMENTS

The duties of supervising the field work, making of informations in cases ordered for prosecution and arranging and conducting hearings, where required, were performed by Mr. G. G. Hutchison, General Agent, and the Special Agents, Messrs. W. John Stiteler and James M. Nichol, selected the official samples from selling Agents throughout the State and submitted reports covering conditions of sales.

The immediate supervision of the analytical work was in charge of Mr. V. B. Hausknecht, First Assistant Chemist, and Mr. H. E. ciencies, Average Analyses and Retail Prices, according to classiration of samples for analysis, made microscopical examinations of each and analyzed original samples, where required, in cases of deficiencies and for checking purposes.

The compilation and preparation of tables and the assembling of data for this report was performed by Mr. W. E. Huber, Clerk, and Messrs. G. J. Kuhlmann, Jr., F. B. Williams and R. L. Houtz, Assistant Chemists, made the chemical analyses. The samples were prepared for analysis by Mr. W. W. Cassel, Laboratory Assistant.

TABLE I.—CLASSIFICATION OF SAMPLES ANALYZED AND SUMMARY OF DEFICIENCIES.

Name of Feeding Stuffs.	Number of samples analyzed.	Number of samples guaranteed.	Deficient in protein and fat.	Deficient in protein alone.	Deficient in fat alone.
Cottonseed Meal,	49	49		7	1
Cottonseed Feed,	21	20		3	
Linseed Oil Meal, O. P.,	48	48		1	1
Distillers' Dried Grains (largely from corn),	2	2			
Distillers' and Yeast Dried Grains,	4	4			
Brewers' Dried Grains,	13	13		3	
Corn Gluten Meal,	7	7			
Corn Gluten Feed,	38	38			
Hominy Feed,	14	14			1
Corn Feed Meal,	1	1			
Wheat Bran,	96	87			1
Mixed Feed: Wheat By-Products,	17	16			1
Standard Wheat Middlings,	25	25			1
Wheat Flour Middlings,	19	18		1	
Brown Shorts,	8	8			
Gray Shorts,	19	14		1	
White Shorts,	19	14		1	1
Low Grade Flour,	9	9			
Rye Middlings,	2	2			
Mixed Feed: Rye By-Products,	1	1			
Wheat and Rye Offals,	6	6			
Oat Feed,	8	8			
Buckwheat Middlings,	3	1			
Alfalfa Meal,	6	6			
Dried Beet Pulp,	14	14			
Proprietary Dairy Feed,	109	108		5	15
Proprietary Dairy Feed with Molasses,	72	72		1	4
Proprietary Stock, Horse and Mule Feed,	64	64	1	2	8
Proprietary Stock, Horse & Mule Feed with Molasses,	171	167		4	2
Proprietary Calf Meal,	7	7		1	2
Proprietary Swine Feed,	22	22	1		
Proprietary and Miscellaneous Chop Feed,	94	42			1
Miscellaneous Feed,	16	13		2	1
Proprietary Poultry Feed:					
Scratch Feed,	123	120		1	2
Mash Feed,	92	85		3	4
Animal By-Products:					
Blood Meal,	1	1			
Meat and Bone Scrap,	59	59	2	7	
Fish Scrap,	3	3		1	
Tankage,	18	18	1	4	
Poultry Bone,	3	1			
Total,	1303	1207	5	48	46

TABLE II—AVERAGE ANALYSES AND RETAIL PRICES

Name of Feeding Stuffs,	Number of samples analyzed.	Protein.	Fat.	Fiber.	Price per ton.
		%	%	%	$
Cottonseed Meal,	49	42.23	7.52	8.78	58 48
Cottonseed Feed,	21	35.41	6.57	13.47	50 81
Linseed Oil Meal, O. P.,	48	35.16	6.38	8.02	59 80
Distillers' Dried Grains, (Largely from Corn),	2	32.53	11.57	12.27	56 60
Distillers' and Yeast Dried Grains,	4	21.99	7.68	16.61	30 80
Brewers' Dried Grains,	13	23.97	6.77	15.68	42 69
Corn Gluten Meal,	7	43.26	1.59	1.94	54 60
Corn Gluten Feed,	38	25.60	2.53	7.18	42 59
Hominy Feed,	14	11.68	7.02	4.66	37 28
Corn Feed Meal,	1	10.63	6.00	2.94	35 00
Wheat Bran,	96	16.39	5.07	9.49	32 65
Mixed Feed: Wheat By-Products,	17	17.29	5.21	7.98	35 80
Standard Wheat Middlings,	25	17.27	5.51	8.50	36 64
Wheat Flour Middlings,	19	16.99	4.99	5.99	38 68
Brown Shorts,	8	17.46	5.13	6.15	37 40
Gray Shorts,	19	17.31	4.84	5.19	39 00
White Shorts,	19	15.99	4.17	3.53	39 80
Low Grade Flour,	9	17.25	3.70	2.44	43 40
Rye Middlings,	2	15.57	3.08	3.73	31 60
Mixed Feed: Rye By-Products,	1	18.25	3.78	6.15	32 00
Wheat and Rye Offals,	6	17.97	4.93	7.80	35 80
Oat Feed,	8	7.61	2.87	25.55	24 88
Buckwheat Middlings,	3	25.48	6.55	8.48	29 60
Alfalfa Meal,	6	15.61	2.00	30.90	43 67
Dried Beet Pulp,	14	10.09	1.05	19.80	41 80
Proprietary Dairy Feed,	109	23.55	5.26	9.07	49 35
Proprietary Dairy Feed with Molasses,	72	20.74	4.71	9.64	42 47
Proprietary Stock, Horse and Mule Feed,	64	10.31	3.81	10.30	35 20
Proprietary Stock, Horse and Mule Feed with Molasses,	171	10.05	2.94	8.21	38 40
Proprietary Calf Meal,	7	26.13	5.18	5.00	89 00
Proprietary Swine Feed,	22	18.95	5.10	7.20	45 80
Proprietary Poultry Feed; Scratch Feed,	123	10.88	3.43	2.86	48 60
Mash Feed,	92	20.38	5.33	6.96	61 40
Animal By-Products, Blood Meal,	1	82.63	0.82	0.78	115 00
Meat and Bone Scrap,	59	51.26	12.60	1.49	98 00
Fish Scrap,	3	59.16	9.18	0.56	74 60
Tankage,	18	55.53	9.69	2.23	72 20
Poultry Bone,	3	27.59	2.70	4.55	76 60

KEY TO TABLES SHOWING ANALYSES OF OFFICIAL SAMPLES.

Each sample received was analyzed for moisture, protein, fat and fiber to determine correctness of guarantees and examined microscopically in order to establish their character and the correctness of lists of ingredients and for the presence of inferior or prohibited materials. They were classified according to Table I and where 2 or more samples of the same kind or brand of Feed are included, averages of their compositions were estimated. The brand names, names and addresses of Manufacturers, Importers and Selling Agents are shown in alphabetical order and in addition to the results of analyses, guarantees found printed upon sacks, attached cards or upon cards attached to bins, where bulk sales were made, together with retail selling prices, are also shown. In those cases where the protein was found to be 1 per cent. or more below and the fat .50 per cent. or more below the guarantees, they were considered deficient and indicated by an asterisk (*). The brands of Feeds which were not registered are indicated in a like manner. Each sample was given a number, which are shown in the first and last columns. The several classes of Feeds will be found in Table III under the following general headings and sub-headings:

OIL CAKE MEALS including Cottonseed Meal, Cottonseed Feed and Old Process Linseed Oil Meal.

DISTILLERS' AND BREWERS' BY-PRODUCTS including Distillers' Dried Grains largely from Corn, Distillers' and Yeast Dried Grains and Brewers' dried Grains.

MAIZE BY-PRODUCTS including Corn Gluten Meal, Corn Gluten Feed, Hominy Feed and Corn Feed Meal.

WHEAT OFFALS including Wheat Bran (with and without Ground Grain Screenings), Mixed Feed:—Wheat By-Products (with and without Ground Grain Screenings) and Wheat Middlings (with and without Ground Grain Screenings).

RYE OFFALS including Rye Middlings (with and without Screenings) and Mixed Feed:—Rye By-Products.

WHEAT AND RYE OFFALS including Wheat Mixed Feed and Rye Middlings.

OAT BY-PRODUCTS including Oat Feed.

BUCKWHEAT OFFALS including Buckwheat Middlings.

ALFALFA MEAL.

DRIED BEET PULP.

MIXED FEEDS: PROPRIETARY AND MISCELLANEOUS including Proprietary Dairy Feed, Proprietary Dairy Feed with Molasses, Proprietary Stock, Horse and Mule Feed, Proprietary Stock, Horse and Mule Feed with Molasses, Proprietary Calf Meal, Proprietary Swine Feed, Proprietary and Miscellaneous Chop Feed, Miscellaneous Feed and Proprietary Poultry Feed.

ANIMAL BY-PRODUCTS including Blood Meal, Meat and Bone Scrap, Fish Scrap, Tankage and Poultry Bone.

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Guaranteed.	Protein. Found.
	OIL CAKE PRODUCTS.				
	COTTONSEED MEAL.				
	THE AMERICAN COTTON OIL CO., NEW YORK, N. Y.		%	%	%
9639	Aco Brand,	Plymouth Mill & Grain Co., Plymouth.	6.85	40.13	41.18
9558	Aco Brand,	Seureman Milling Co., Wilkes-Barre.	6.75	41.56	41.18
		Average,	6.80	40.85	--------
9693	Longhorn Brand Prime,	Brown & Fassett, Montrose.	6.95	43.56	43.00
8513	Longhorn Brand Prime,	Honesdale Milling Co., Honesdale.	7.39	42.19	43.00
		Average,	7.17	42.88	--------
	ASHCRAFT-WILKINSON CO., ATLANTA, GA.				
8728	Helmet Brand Prime,	Columbia Milling Co., Columbia.	5.58	43.50	41.00
9479	Helmet Brand Prime,	H. Rockwell & Son, Canton.	6.11	40.69	41.18
		Average,	5.84	42.10	--------
9014	Monarch Brand Choice Prime,	H. O. Ayer, Ulster,	7.77	42.56	43.00
9566	Monarch Brand Choice Prime,	Dillsburg Grain & Milling Co., Dillsburg.	5.92	44.06	43.00
9025	Monarch Brand Choice Prime,	Floyd Vandervort, Laceyville.	8.70	42.44	43.00
		Average,	7.46	43.02	--------
	M. F. BARINGER, PHILADELPHIA, PA.				
8882	Choice,	S. S. Detweiler, Quakertown.	7.95	41.75	41.00
	THE J. E. BARTLETT CO., JACKSON, MICH.				
9094	Bartlett's Farmer Brand Choice,	Sterling & Sherwood, Meshoppen.	8.71	43.63	43.00
	S. P. DAVIS, LITTLE ROCK, ARK.				
8800	Goodluck Brand,	C. P. Matthews & Sons, Inc., Wilkes-Barre.	7.00	40.75	41.00
8681	Goodluck Brand,	Pomona No. 3 Exchange, West Chester.	7.69	43.44	41.00
		Average,	7.34	42.10	--------
9386	Steerboy Cottonseed Meal and Cracked Screened Cake.	P. Wagner & Son, New Castle.	7.60	43.81	43.00
	EASTERN COTTON OIL CO., HERTFORD, N. C.				
8464	Cotton Seed Meal,	Simpson Brothers, Norristown.	6.81	40.56	38.62
8570	Perfection,	S. Book & Brother, Quarryville.	10.36	41.81	41.00
8445	Perfection,	Joseph Burkholder, Hummelstown.	6.05	41.81	41.00
9409	Perfection,	Earley & Detweiler, Palmyra.	6.60	40.38	41.00
8688	Perfection,	Joseph Finney, Holland,	7.52	41.38	41.00
8756	Perfection,	Great Valley Mills, Inc., Paoli.	5.50	38.06	41.00
8714	Perfection,	Manchester Grange Co-operative Association, Emigsville.	7.77	42.50	41.00
9514	Perfection,	Muth Brothers, Elizabethtown.	2.20	41.94	41.00
		Average,	6.57	41.13	--------

FEEDING STUFFS COLLECTED IN 1922.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
7.28	7.00	9.97	10.00	3 25	----------	Cottonseed meal, ----	9639
6.35	7.00	10.19	10.00	3 25	----------	Cottonseed meal, ----	9558
6.82	--------	10.08	--------	3 25	----------		
7.83	6.00	6.83	12.00	3 00	----------	Cottonseed meal, ----	9093
8.42	6.00	7.95	12.00	54 00	----------	Cottonseed meal, ----	8513
8.13	--------	7.39	--------	57 00	----------		
8.75	6.00	9.28	10.00	54 00	Made from upland cottonseed.	As certified, --------	8728
7.41	6.00	10.52	10.00	2 50	Made from upland cottonseed.	As certified, --------	9479
8.08	--------	9.90	--------	52 00			
6.70	6.00	8.93	10.00	3 25	Made from upland cottonseed.	As certified, ---------	9014
8.15	6.00	6.72	10.00	2 75	Made from upland cottonseed.	As certified, ---------	9566
6.54	6.00	9.06	10.00	2 85	Made from upland cottonseed.	As certified, ---------	9025
7.13	--------	8.23	--------	2 95			
6.56	6.50	10.52	9.00	2 75	Made from cottonseed.	As certified, ----------	8882
7.80	7.00	5.24	10.00	3 00	----------	Cottonseed meal, ----	9094
8.63	6.00	10.60	10.00	3 10	Made from decorticated cottonseed.	As certified, ----------	8800
7.58	6.00	6.82	10.00	3 00	Made from decorticated cottonseed.	As certified, ----------	8681
7.81	--------	8.71	--------	3 05			
7.41	6.00	7.79	10.00	2 85	Made from decorticated cottonseed.	As certified, ----------	9386
7.12	4.00	10.35	10.00	2 50	Made from fully decorticated cottonseed.	As certified, ----------	8464
7.35	5.50	10.23	10.00	2 75	Made from upland cottonseed.	As certified, ----------	8570
7.17	5.50	9.42	10.00	2 50	Made from upland cottonseed.	As certified, ----------	8445
6.35	5.50	11.64	10.00	2 60	Made from upland cottonseed.	As certified, ----------	9409
6.54	5.50	10.00	10.00	2 95	Made from upland cottonseed.	As certified, ----------	8688
6.06	5.50	12.45	10.00	60 00	Made from upland cottonseed.	Excessive amount of hulls.	8756
7.71	5.50	9.52	10.00	3 25	Made from upland cottonseed.	As certified, ----------	8714
8.43	5.50	8.92	10.00	2 80	Made from upland cottonseed.	As certified, ----------	9514
7.09	--------	10.31	--------	56 71			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	HAYES GRAIN & COMMISSION CO., LITTLE ROCK, ARK.		%	%	%
8857	Hayes' Brand,	Weaver & Berkey, Windber.	7.22	43.44	43.00
	HUMPHREYS—GODWIN CO., MEMPHIS, TENN.				
9108	Bull Brand,	Blank & Gottshall Co., Inc., Sunbury.	6.65	45.63	43.00
9002	Bull Brand,	Brown & Fassett, Montrose.	7.90	43.38	43.00
9573	Bull Brand,	The Cook Grain, Feed & Supply Co., Dillsburg.	6.42	41.50	43.00
9656	Bull Brand,	F. W. Dawson & Son, Williamsport.	8.13	43.25	43.00
8778	Bull Brand,	Friedman & Alper, Slippery Rock.	7.07	43.56	43.00
8709	Bull Brand,	The Goldsboro Pure Feed Co., Etters.	6.82	42.94	43.00
9523	Bull Brand,	Slater Brothers, Grove City.	6.80	42.31	43.00
9587	Bull Brand,	Tionesta Milling Co., Tionesta.	5.90	44.63	43.00
		Average,	6.96	43.40	--------
8583	Dixie Brand,	Christiana Grain & Supply Co., Christiana.	7.30	42.75	41.00
9535	Dixie Brand,	Mathers Brothers, Greenville.	6.76	40.00	41.00
8414	Dixie Brand,	Mausdale Roller Mills, Mausdale.	7.40	42.44	41.00
8624	Dixie Brand,	Newtown Feed & Grain Co., Newtown.	5.87	43.00	41.00
9482	Dixie Brand,	H. Rockwell & Son, Canton.	7.42	42.31	41.00
		Average,	6.95	42.10	--------
8815	Forfat Brand,	Miner-Hillard Milling Co., Wilkes-Barre.	7.55	38.75	38.55
9650	Forfat Brand,	Miner-Hillard Milling Co., Plymouth.	6.78	37.31	38.62
		Average,	7.16	38.03	--------
	L. B. LOVITT & CO., MEMPHIS, TENN.				
9381	Lovit Brand,	John S. Brown's Son, New Castle.	6.18	41.19	41.00
8622	Lovit Brand,	Newtown Feed & Grain Co., Newtown.	8.36	42.88	41.00
		Average,	7.27	42.04	--------
9596	Neal's Choice,	Cooperative Grange Milling Co., Titusville.	7.60	41.88	43.00
8990	Neal's Choice,	Dayton Milling Co., Towanda.	7.25	42.06	43.00
9265	Neal's Choice,	Monaca Roller Mills, Monaca.	7.36	42.81	43.00
		Average,	7.40	42.25	--------
	W. C. NOTHERN, MEMPHIS, TENN.				
9591	Bee Brand,	Titusville City Mills, Titusville.	8.45	42.75	41.12
9615	Queen Bee Brand,	Mt. Jewett Electric Mills, Mt. Jewett.	7.85	43.06	43.00
	PLANTERS COTTON OIL COMPANY WAXAHACHIE, TEXAS.				
9229	*Ground Cotton Seed Feed No. 4,	I. F. Wright, Shippensburg.	8.46	43.94	41.20

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 7.74	% 6.50	% 8.45	% 9.50	$ 3 40	Made from pressed cottonseed.	As certified,	8857
7.16	5.00	7.62	10.00	2 90	Made from pressed cottonseed.	As certified,	9108
8.28	5.00	6.38	10.00	3 00	Made from pressed cottonseed.	As certified,	9092
7.62	5.00	9.07	10.00	3 00	Made from pressed cottonseed.	As certified,	9573
7.80	5.00	7.82	10.00	3 50	Made from pressed cottonseed.	As certified,	9656
8.97	5.00	7.21	10.00	3 15	Made from pressed cottonseed.	As certified,	8778
10.11	5.00	7.28	10.00	3 00	Made from pressed cottonseed.	As certified,	8709
7.94	5.00	8.66	10.00	2 75		Cottonseed meal,	9523
9.50	5.00	7.42	10.00	3.10	Made from pressed cottonseed.	As certified,	9587
8.42		7.68		3.05			
7.40	5.00	8.34	10.00	55 00	Made from pressed cottonseed.	As certified,	8583
7.24	5.00	10.36	10.00	2 75	Made from pressed cottonseed.	As certified,	9535
6.60	5.00	8.97	10.00	3 00	Made from pressed cottonseed.	As certified,	8414
7.34	5.00	8.85	10.00	2 90	Made from pressed cottonseed.	As certified,	8624
7.88	5.00	7.92	10.00	2 50	Made from pressed cottonseed.	As certified,	9482
7.29		8.88		55 60			
6.31	5.00	11.80	12.00	3 10	Made from pressed cottonseed.	As certified,	8815
6.93	5.00	11.09	12.00	3 25	Made from pressed cottonseed.	As certified,	9650
6.62		11.44		3 18			
8.31	6.00	7.73	10.00	2 75	Made from decorticated cottonseed.	As certified,	9381
7.31	6.00	7.48	10.00	2 90	Made from decorticated cottonseed.	As certified,	8622
7.81		7.60		2 83			
6.50	6.00	9.66	10.00	2 90		Cottonseed meal,	9596
8.33	6.00	8.03	10.00	3 20		Cottonseed meal,	8990
7.23	6.00	9.04	10.00	2 96		Cottonseed meal,	9265
7.36		8.91		3 00			
8.43	6.00	7.90	12.00	3 00	Made from pressed cottonseed.	As certified,	9591
6.71	6.50	9.05	10.00	3 00	Made from pressed cottonseed.	As certified,	9615
7.58	5.00	7.13	14.00		Ground cottonseed feed containing not more than 5% excess hulls.	Cottonseed meal,	9229

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	A. C. WESTERVELT & CO., MEMPHIS, TENN.		%	%	%
9109	Planet Brand,	Blank & Gottshall Co., Inc., Sunbury.	7.83	41.69	43.00
9497	Planet Brand,	J. A. Gualt Co., Kittanning.	7.08	44.63	43.00
9555	Planet Brand,	J. A. McKelvey, Blairsville.	5.50	42.88	43.00
		Average,	6.80	43.07	--------
		Total average,	7.09	42.23	--------
	COTTONSEED FEED.				
	THE AMERICAN COTTON OIL CO., FORT SMITH, ARK.				
8574	Nonpareil,	S. Book & Brother, Quarryville.	6.08	18.13	17.00
9578	Surety Brand,	Hershey Chocolate Co., Hershey.	8.53	38.19	36.00
9579	Surety Brand,	Hershey Chocolate Co., Hershey.	7.60	35.81	36.00
9441	Surety Brand,	Mercatoris & McCullough, Meadville.	5.75	36.06	36.00
9422	Surety Brand,	I. J. Pizor & Son, Mercer.	7.60	39.81	36.00
8639	Surety Brand,	Warren City Mills, Warren.	6.94	36.44	36.00
		Average,	7.28	37.26	--------
	ASHCRAFT-WILKINSON CO., ATLANTA, GA.				
9053	Paramount Brand Good,	L. M. Kriner, DuBois,	7.70	35.44	36.00
	THE BUCKEYE COTTON OIL COMPANY, CINCINNATI, OHIO.				
9530	Buckeye 36% Protein,	W. J. Kelly, Grove City,	4.05	38.69	36.00
	EASTERN COTTON OIL CO., HERTFORD, N. C.				
9395	Supreme,	Gibbs Milling Co., Nanticoke.	7.80	35.69	36.00
8575	Supreme,	A. L. Herr & Brothers, Quarryville.	7.20	36.88	36.00
8392	Supreme,	Joseph Weber, Philadelphia.	6.95	34.75	36.00
		Average,	7.31	35.77	--------
	HUMPHREYS-GODWIN CO., MEMPHIS, TENN.				
9471	Danish Brand,	Farmers' & Consumers' Commercial Union, Troy.	7.59	35.63	36.00
9333	Danish Brand,	S. C. Kriebel, West Point,	6.30	33.75	36.00
9609	Danish Brand,	Smith Brothers, Inc., Bradford.	7.75	34.50	36.00
9026	Danish Brand,	Floyd Vandervort, Laceyville.	9.77	35.25	36.00
		Average,	7.85	34.78	--------
	L. B. LOVITT & CO., MEMPHIS, TENN.				
9355	Thirty Six Brand,	Agnes Campbell, Woodville.	9.25	38.94	36.00
8449	Thirty Six Brand,	W. & H. Rhoads, Norristown.	6.14	36.94	36.00
8960	Thirty Six Brand,	Wischaupt Sons & Company, Port Royal.	8.85	35.63	36.00
		Average,	8.08	37.17	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
6.76	6.00	9.22	10.00	2 90	Made from pressed cottonseed.	As certified,	9109
7.46	6.00	7.62	10.00	2 95	Made from pressed cottonseed.	As certified,	9497
7.71	6.00	7.45	10.00	2 50	Made from pressed cottonseed.	As certified,	9555
7.31		8.09		2 78			
7.52		8.78		58 48			
3.65	3.00	31.18	30.00	1 65	Cottonseed meal and cottonseed hulls.	As certified,	8574
6.90	5.50	10.82	14.00	2 60		Cottonseed meal and cottonseed hulls.	9578
7.57	5.50	13.12	14.00	2 60	Cottonseed meal and ground cottonseed hulls mixed.	As certified,	9579
7.35	5.50	12.38	14.00	2 60		Cottonseed meal and cottonseed hulls.	9441
8.53	5.50	9.01	14.00	2 50		Cottonseed meal and cottonseed hulls.	9422
6.31	5.50	13.48	14.00	2 55		Cottonseed meal and cottonseed hulls.	8639
7.33		11.76		2 57			
7.44	5.50	12.43	14.00	2 75	Made from upland cottonseed.	Cottonseed meal and cottonseed hulls.	9053
8.06	5.00	10.29	14.00	2 60		Cottonseed meal and cottonseed hulls.	9530
6.24	5.00	13.44	14.00	2 95	Made from upland cottonseed.	Cottonseed meal and cottonseed hulls.	9395
6.78	5.00	12.05	14.00	2 50	Made from upland cottonseed.	Cottonseed meal and cottonseed hulls.	8575
6.15	5.00	13.92	14.00	2 50	Made from upland cottonseed.	Cottonseed meal and cottonseed hulls.	8392
6.39		13.13		2 65			
6.51	5.00	13.70	15.00	2 65	Made from pressed cottonseed.	Cottonseed meal and cottonseed hulls.	9471
6.47	5.00	13.85	15.00	45 00	Made from cottonseed meal and cottonseed hulls.	As certified,	9333
6.41	5.00	13.59	15.00	2 90		Cottonseed meal and cottonseed hulls.	9609
5.94	5.00	12.17	15.00	2 60	Made from pressed cottonseed.	Cottonseed meal and cottonseed hulls.	9026
6.33		13.32		52 00			
7.58	5.00	8.84	14.00	2 00		Cottonseed meal and cottonseed hulls.	9355
6.13	5.00	12.56	14.00	2 50		Cottonseed meal and cottonseed hulls.	8449
6.35	5.00	12.96	14.00	2 50	Cottonseed meal and cottonseed hulls.	As certified,	8960
6.69		11.45		2 33			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	MEMPHIS COTTON SEED PRODUCTS CO., MEMPHIS, TENN.		%	%	%
8926	Durham Thirty-Six,	Jefferson Flour & Feed Co., Punxsutawney.	7.70	36.94	36.00
	A. C. WESTERVELT & CO., MEMPHIS, TENN.				
8520	Sun Brand,	Wayne Milling Co., Honesdale.	7.47	36.31	36.00
	UNKNOWN.				
8707	*Not Given,	American Coal Co., Port Royal.	10.10	33.88	--------
		Total average,	7.48	35.41	--------
	LINSEED OIL MEAL, O. P.				
	AMERICAN LINSEED CO., BUFFALO, N. Y.				
8994	Alinco Old Process Oil Meal,	Dayton Milling Co., Towanda.	9.77	38.56	35.00
9565	Alinco Old Process Oil Meal,	Dillsburg Grain & Milling Co., Dillsburg.	9.99	33.94	32.00
9613	Alinco Old Process Oil Meal,	Carroll L. Douglass, Bradford.	9.95	34.69	32.00
8752	Alinco Old Process Oil Meal,	Great Valley Mills, Inc., Paoli.	10.11	38.63	35.00
9330	Alinco Old Process Oil Meal,	S. C. Kriebel, West Point,	8.80	33.81	32.00
9644	Alinco Old Process Oil Meal,	Plymouth Mill & Grain Co., Plymouth.	9.81	33.44	35.00
9487	Alinco Old Process Oil Meal,	Preston Brothers, Canton.	9.50	32.63	32 00
8451	Alinco Old Process Oil Meal,	W. & H. Rhoads, Norristown.	10.01	37.56	35.00
9096	Alinco Old Process Oil Meal,	Sterling & Sherwood, Meshoppen.	10.55	37.44	35.00
9586	Alinco Old Process Oil Meal,	Tionesta Milling Co., Tionesta.	9.71	32.81	32.00
8588	Alinco Old Process Oil Meal,	Jos. Walker & Sons Co., Gap.	9.89	38.63	35.00
8519	Alinco Old Process Oil Meal,	Wayne Milling Co., Honesdale.	10.43	36.81	35.00
		Average,	9.87	35.75	--------
	AMERICAN MILLING CO., PEORIA, ILL.				
9040	Ameo Old Process Linseed Meal and Old Process Screenings Oil Feed.	S. B. Floyd & Son, Pittsburgh.	9.45	31.88	30.00
8388	Ameo Old Process Linseed Meal and Old Process Screenings Oil Feed.	W. H. Manbeck & Co., Mifflin.	7.61	32.19	30.00
9630	Ameo Old Process Linseed Meal and Old Process Screenings Oil Feed.	Richey & McFarland, Carnegie.	9.20	30.31	30.60
8897	Ameo Old Process Linseed Meal and Old Process Screenings Oil Feed.	A. L. Stout, Churchville,	8.08	31.75	30.00
8980	Ameo Old Process Linseed Meal and Old Process Screenings Oil Feed.	C. B. Tyler, Tunkhannock.	9.97	30.94	30.00
		Average,	8.86	31.41	--------
	ARCHER-DANIELS LINSEED CO., BUFFALO, N. Y.				
9107	Old Process Ground Oil Cake,	Blank & Gottshall Co., Inc., Sunbury.	9.23	37.56	34.00
9398	Old Process Ground Oil Cake,	Bergin & Co., Nanticoke,	9.35	37.65	33.00
9611	Old Process Ground Oil Cake,	L. A. Fischer & Co., Bradford.	8.85	34.19	33.00
8371	Old Process Ground Oil Cake,	Ross E. Goodman, Huntingdon.	7.55	38.19	34.00
9384	Old Process Ground Oil Cake,	F. W. Hutchison & Co., New Castle.	8.70	34.56	31.00
9648	Old Process Oil Cake,	Miner-Hillard Milling Co., Plymouth.	8.60	34.88	34.00
		Average,	8.71	36.17	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.65	5.00	13.47	14.00	2 90	----------	Cottonseed meal and cottonseed hulls.	8926
5.53	5.00	12.90	15.00	2 50	Made from pressed cottonseed.	Cottonseed meal and cottonseed hulls.	8520
6.33	--------	16.72	--------	2 75	----------	Cottonseed meal and cottonseed hulls.	8707
6.57	--------	13.47	--------	50 81			
5.35	5.00	6.96	8.00	3 00	----------	Linseed oil meal, ----	8994
5.77	5.00	7.27	8.00	2 75	----------	Linseed oil meal, ----	8565
6.39	5.00	7.14	8.00	3 25	----------	Linseed oil meal, ----	9613
7.14	5.00	7.35	8.00	66 00	----------	Linseed oil meal, ----	8752
5.98	5.00	7.84	8.00	54 00	----------	Linseed oil meal, ----	9330
6.47	5.00	8.55	8.00	3 25	----------	Linseed oil meal, ----	9644
5.93	5.00	8.28	8.00	2 60	----------	Linseed oil meal, ----	9487
5.30	5.00	7.40	8.00	2 65	----------	Linseed oil meal, ----	8451
5.57	5.00	8.50	8.00	3 00	----------	Linseed oil meal, ----	9096
5.64	5.00	7.54	8.00	3 40	----------	Linseed oil meal, ----	9586
5.54	5.00	7.47	8.00	59 00	----------	Linseed oil meal, ----	8588
5.79	5.00	7.33	8.00	2 75	----------	Linseed oil meal, ----	8519
5 91	--------	7.63	--------	59 33			
6.11	5.00	9.01	10.00	3 50	----------	Linseed oil meal and screenings oil feed.	9040
5 85	5.00	8.46	10.00	2 75	----------	Linseed oil meal and screenings oil feed.	8388
6.31	5.00	9.15	10.00	3 50	----------	Linseed oil meal and screenings oil feed.	9630
5.91	5.00	9.94	10.00	3 25	----------	Linseed oil meal and screenings oil feed.	8897
5.27	5.00	8.90	10.00	2 85	----------	Linseed oil meal and screenings oil feed.	8980
5.89	--------	9.09	--------	3 17			
6.66	5.00	8.45	10.00	2 90	----------	Linseed oil meal, ----	9107
6.42	6.00	6.73	10.00	3 25	----------	Linseed oil meal, ----	9398
6.82	5.00	8.18	10.00	3 25	----------	Linseed oil meal, ----	9611
8.94	5.00	7.02	10.00	2 75	----------	Linseed oil meal, ----	8371
6.49	5.00	8.44	10.00	2 75	----------	Linseed oil meal, ----	9384
8.97	5.00	7.94	10.00	3 25	----------	Linseed oil meal, ----	9648
7.38	--------	7.79	--------	3 03			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	ENGLE, RYAN & COMPANY, BUFFALO, N. Y.		%	%	%
8802	Old Process Linseed Oil Meal,	C. P. Matthews & Sons, Inc., Wilkes-Barre.	11.41	36.13	30.00
	WILLIAM O. GOODRICH CO., MILWAUKEE, WIS.				
8856	*Goodrich Old Process Linseed Oil Meal.	Weaver & Berkey, Windber.	9.22	34.56	34.00
	HIRST & BEGLEY LINSEED WORKS, CHICAGO, ILL.				
8925	Old Process Linseed Cake Meal,	Jefferson Flour & Feed Co., Punxsutawney.	9.45	38.06	34.00
9545	Old Process Linseed Cake Meal,	L. M. Lewis, Indiana,	9.05	35.13	34.00
		Average,	9.25	36.60	
	SPENCER KELLOGG & SONS CO., BUFFALO, N. Y.				
8601	Kellogg's Pure Old Process Oil Meal,	Keystone Mills, Edinboro,	8.61	35.81	35.00
9526	Kellogg's Pure Old Process Oil Meal,	George E. McQuiston, Grove City.	7.88	36.25	33.00
		Average,	8.24	36.03	
	JOHN T. LEWIS & BROTHERS CO., PHILADELPHIA, PA.				
9317	Linseed Cake Meal,	Frank C. Lewis, Doylestown.	7.62	33.81	31.00
8458	Linseed Cake Meal,	Simpson Brothers, Norristown.	8.06	32.81	31.00
		Average,	7.84	33.31	
	THE MANN BROTHERS CO., BUFFALO, N. Y.				
8611	Pure Old Process Linseed Oil Meal,	Blaine, Mackay, Lee Co., North East.	10.18	35.25	35.00
9649	Pure Old Process Linseed Oil Meal,	Miner-Hillard Milling Co., Plymouth.	9.15	35.63	33.00
8775	Pure Old Process Linseed Oil Meal,	E. C. Raumbaugh, Petrolia.	11.32	35.63	35.00
9480	Pure Old Process Linseed Oil Meal,	H. Rockwell & Son, Canton.	10.03	37.13	35.00
9024	Pure Old Process Linseed Oil Meal,	Floyd Vandervort, Laceyville.	10.75	35.00	35.00
		Average,	10.28	35.73	
9543	Pure Old Process Linseed Oil Meal, Argentine Brand.	Farmers' Exchange, Indiana.	9.57	34.00	31.00
9224	Pure Old Process Linseed Oil Meal, Argentine Brand.	Hoffer & Garman, Harrisburg.	10.05	32.19	31.00
		Average,	9.81	33.10	
	MIDLAND LINSEED PRODUCTS CO., MINNEAPOLIS, MINN.				
8516	Old Process Ground Linseed Cake,	Honesdale Milling Co., Honesdale.	10.16	36.69	34.00
	RED WING LINSEED OIL COMPANY, RED WING, MINN.				
8975	Ground Oil Cake,	Hockey & McCurdy, Scottdale.	9.88	35.88	34.00
	THOMPSON & COMPANY, PITTSBURGH, PA.				
8703	Oil Meal as Stock Food,	Peter Blumling, McKees Rocks.	8.55	32.19	30.00
	THE TOLEDO SEED & OIL COMPANY, TOLEDO, OHIO.				
9418	Major Brand Old Process Oil Meal,	Boyd Milling Co., Sharon.	10.02	33.94	33.00
9077	Major Brand Old Process Oil Meal,	Brown & Fassett, Tunkhannock.	10.08	38.13	33.00
9243	Major Brand Old Process Oil Meal,	William H. Dunlap, Jr., Canonsburg.	9.82	35.88	33.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.39	7.00	7.72	10.00	3 10	----------	Linseed oil meal, ----	8802
7.69	5.00	7.65	10.00	3 40	----------	Linseed oil meal, ----	8856
6.78	5.00	9.01	9.00	2 90	----------	Linseed oil meal, ----	8925
6.82	6.00	9.29	8.00	3 00	----------	Linseed oil meal, ----	9545
6.80	--------	9.15	--------	2 95			
5.84	5.00	8.26	10.00	3 00	----------	Linseed oil meal, ----	8601
6.29	5.00	8.65	10.00	2.85	----------	Linseed oil meal, ----	9526
6.07	--------	8.45	--------	2 93			
6.63	5.00	7.93	10.00	2 75	----------	Linseed oil meal, ----	9317
7.21	5.00	8.19	11.00	2 75	----------	Linseed oil meal, ----	8458
6.92	--------	8.06	--------	2 75			
6.80	6.00	7.56	10.00	2 80	----------	Linseed oil meal, ----	8611
7.50	6.00	7.46	10.00	3 25	----------	Linseed oil meal, ----	9649
6.05	6.00	8.05	10.00	3 40	----------	Linseed oil meal, ----	8775
6.86	6.00	6.87	10.00	2.80	----------	Linseed oil meal, ----	9480
6.89	6.00	8.27	10.00	3 00	----------	Linseed oil meal, ----	9024
6.82	--------	7.64	--------	3 05			
6.40	6.00	7.55	10.00	3 00	----------	Linseed oil meal, ----	9543
6.78	6.00	8.58	10.00	2 50	----------	Linseed oil meal, ----	9224
6.59	--------	8.06	--------	2 75			
6.48	5.00	8.15	9.50	56 00	----------	Linseed oil meal, ----	8516
6.44	6.00	7.74	9.00	3 25	----------	Linseed oil meal, ----	8975
6.86	5.50	8.05	11.00	2 80	----------	Linseed oil meal, ----	8703
6.39	6.00	8.61	10.00	2 80	----------	Linseed oil meal, ----	9418
5.68	6.00	7.79	10.00	2 90	----------	Linseed oil meal, ----	9077
6.00	6.00	8.26	10.00	2 75	----------	Linseed oil meal, ----	9243

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9403	Major Brand Old Process Oil Meal,	Earley & Detweiler, Palmyra.	9.70	37.50	33.00
8413	Major Brand Old Process Oil Meal,	Mausdale Roller Mills, Mausdale.	9.00	36.25	33.00
9440	Major Brand Old Process Oil Meal,	Mercatoris & McCullough, Meadville.	8.85	34.38	33.00
8628	Major Brand Old Process Oil Meal,	Newtown Feed & Grain Co., Newtown.	9.90	36.63	33.00
		Average,	9.62	36.10	--------
		Total average,	9.44	35.16	--------
	DISTILLERY AND BREWERY BY-PRODUCTS.				
	DISTILLERS' DRIED GRAINS. (Largely from Corn)				
	AMERICAN MILLING CO., PEORIA, ILL.				
9148	Corn Distillers' Dried Grains,	Dannals Milling Co., Altoona.	5.12	31.56	28.00
	CANADIAN INDUSTRIAL ALCOHOL CO., LTD., CORBYVILLE, ONT.				
9008	*Corn Distillers' Dried Grains,	Farmers' Cooperative Co. Inc., Wysox.	5.95	33.50	33.25
		Average,	5.03	32.53	--------
	DISTILLERS' AND YEAST DRIED GRAINS.				
	DONAHUE-STRATTON CO., MILWALKEE, WIS.				
8425	Hi-quality Dried Grain ,	Mechanicsburg Milling Co. Mechanicsburg.	2.20	25.19	23.00
9342	Onyx Dried Grains,	Braddock Feed & Supply Co., Braddock.	5.50	22.94	17.00
9047	Onyx Dried Grains,	John Williams & Sons, Pittsburgh.	6.50	21.13	17.00
		Average,	6.00	22.04	--------
	FLEISCHMANN COMPANY, CHICAGO, ILL.				
9374	Fleischmann Dried Grains,	Harmony Cereal Mills, Harmony.	6.50	18.69	17.00
		Total average,	5.17	21.99	--------
	BREWERS' DRIED GRAINS.				
	ANTHRACITE BREWING CO., MOUNT CARMEL, PA.				
9638	Brewers' Dried Grains,	Plymouth Mill & Grain Co., Plymouth.	5.71	30.88	26.44
	ATLANTIC EXPORT COMPANY, NEW YORK, N. Y.				
9310	Dried Brewers' Grains,	Frank C. Lewis, Doylestown.	5.52	23.56	25.00
8816	Dried Brewers' Grains,	Miner-Hillard Milling Co., Wilkes-Barre.	7.29	20.75	25.00
9073	Dried Brewers' Grains,	Miner-Hillard Milling Co., Wilkes-Barre.	7.32	21.97	25.00
		Average,	6.71	22.09	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.80	6.00	7.81	10.00	2 80	----------	Linseed oil meal, ----	9403
6.09	6.00	8.22	10.00	3 00	----------	Linseed oil meal, ----	8413
6.21	6.00	8.43	10.00	2 80	----------	Linseed oil meal, ----	9440
5 82	6.00	7.41	10.00	3.00	----------	Linseed oil meal, ----	8628
6.00	--------	8.07	--------	2.86			
6.38	--------	8.02	--------	59 58			
12.47	8.00	13.40	15.00	2 75	----------	Distillers' dried grains largely from corn.	9148
10.64	4.03	11.15	10.78	2 90	Corn distillers' dried grains (corn 88%, rye and malt 12%.)	As certified, ----------	9008
11.57	--------	12.27	--------	2 83			
7.05	7.00	16.20	21.00	1 76	Corn, barley, malt and malt sprouts.	As certified, ----------	8425
8.26	7.00	16.00	21.00	1 50	Dried grains from corn, barley malt, malt sprouts.	As certified, ----------	9342
8.44	7.00	16.35	21.00	1 50	Dried grains from corn, barley malt, malt sprouts.	As certified, ----------	9047
8.35	--------	16.17	--------	1 50			
6.96	7.00	17.90	21.00	1 40	Dried yeast grains from barley malt, corn, malt, sprouts and oat malt.	As certified, ----------	9374
7.68	--------	16.61	--------	1 54			
6.96	7.27	11.53	13.03	2 75	----------	Brewers' dried grains,	9638
7 11	6.00	16.20	14.00	2 00	----------	Brewers' dried grains,	9310
6.89	6.00	18.23	14.00	2 10	----------	Brewers' dried grains,	8816
5.76	6.00	16.70	14.00	2 10	----------	Brewers' dried grains,	9073
6 59	--------	17.04	--------	2 07			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
	FARMERS FEED CO., BUFFALO, N. Y.				
9106	Bull Brand Dried Brewers' Grains,	Blank & Gottshall Co., Inc., Sunbury.	7.60	25.69	21–25
8812	Bull Brand Dried Brewers' Grains,	Miner-Hillard Milling Co., Wilkes-Barre.	6.32	23.56	21–25
9559	Bull Brand Dried Brewers' Grains,	Scureman Milling Co., Wilkes-Barre.	4.60	21.06	21–25
		Average,	6.17	23.44	--------
	PENN GRAINS & FEED COMPANY, PHILADELPHIA, PA.				
9390	Peerless Brewers' Dried Grains,	Gibbs Milling Co., Nanticoke.	6.80	22.63	20.00
8757	Peerless Brewers' Dried Grains,	Great Valley Mills, Inc., Paoli.	8.85	22.88	20.00
9337	Peerless Brewers' Dried Grains,	S. C. Kriebel, West Point.	6.25	22.63	20.00
8462	Peerless Brewers' Dried Grains,	Simpson Brothers, Norristown.	5.42	21.00	20–26
		Average,	6.83	22.29	--------
	POTTSVILLE FEED COMPANY, POTTSVILLE, PA.				
9338	Dried Brewers' Grains,	Knerr & Mattern, West Point.	6.70	26.81	24.69
	STEGMAIER BREWING CO., WILKES-BARRE, PA.				
9399	Dried Brewers' Grains,	Bergin & Co., Nanticoke,	6.45	28.25	22.23
		Total average,	6.52	23.97	--------
	MAIZE BY-PRODUCTS.				
	CORN GLUTEN MEAL.				
	CORN PRODUCTS REFINING CO., NEW YORK, N. Y.				
8993	Diamond,	Dayton Milling Co., Towanda.	10.09	43.75	40.00
8888	Diamond,	S. S. Detweiler, Quakertown.	8.89	45.94	40.00
9424	Diamond,	J. M. Hoagland & Co., Sharon.	8.30	41.13	40.00
9486	Diamond,	Preston Brothers, Canton.	9.73	41.49	40.00
9097	Diamond,	Sterling & Sherwood, Meshoppen.	6.30	45.06	40.00
8822	Diamond,	Swope Brothers, Johnstown.	11.55	43.13	40.00
9245	Diamond,	Washington Milling Co., Washington.	10.29	42.31	40.00
		Average,	9.29	43.26	--------
	CORN GLUTEN FEED.				
	AMERICAN MAIZE PRODUCTS CO. NEW YORK, N. Y.				
9359	Cream of Corn,	King Feed Company, Williamsport.	8.68	24.50	23.00
8387	Cream of Corn,	W. H. Manbeek & Co., Mifflin.	7.60	25.00	23.00
9454	Cream of Corn,	Preston & Jacquish, Troy.	6.76	24.13	23.00
		Average,	7.68	24.54	--------
	CLINTON CORN SYRUP REFINING CO. CLINTON, IOWA.				
9406	Clinton,	Earley & Detweiler, Palmyra.	9.70	25.75	23.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
6.37	5.3 to 6.3	14.63	12–15	2 15	----------	Brewers' dried grains,	9106
7.04	5.3 to 6.3	15.59	12–15	2 10	----------	Brewers' dried grains,	8812
6.44	5.3 to 6.3	17.59	12–15	2 50	----------	Brewers' dried grains,	9559
6.62	--------	15.93	--------	2 25			
6.88	5.00	16.26	17.00	2 25	----------	Brewers' dried grains,	9390
7.01	5.00	17.75	15.00	44 00	----------	Brewers' dried grains,	8757
6.40	5.00	15.80	17.00	35 00	----------	Brewers' dried grains,	9337
8.06	5–6	15.18	17.00	1.80	----------	Brewers' dried grains,	8462
7.09	--------	16.24	--------	40 00			
6.35	6.88	14.61	16.25	1 90	----------	Brewers' dried grains,	9338
6.69	6.50	13.78	16.50	2.15	----------	Brewers' dried grains,	9399
6.77	--------	15.68	--------	42 69			
1.44	1.00	1.80	4.00	2 40	Corn gluten meal, ----	As certified, ----------	8993
1.61	1.00	1.86	4.00	2 75	----------	Corn gluten meal, --	8888
1,78	1.00	1.47	4.00	3 00	----------	Corn gluten meal, --	9424
2.14	1.00	1.71	4.00	2 70	Corn gluten meal, ----	As certified, ----------	9486
1.29	1.00	2.82	4.00	2 70	Corn gluten meal, ----	As certified, ----------	9097
1.46	1.00	2.04	4.00	2 80	----------	Corn gluten meal, --	8822
1.41	1.00	1.92	4.00	2 75	----------	Corn gluten meal, --	9245
1.59	--------	1.94	--------	2 73			
3.27	1.50	7.50	8.50	2 25	----------	Corn gluten feed, --	9359
5.61	1.50	6.78	8.50	2 50	----------	Corn gluten feed, --	8387
4.28	1.50	7.33	8.50	2 00	----------	Corn gluten feed, --	9454
4.39	--------	7.21	--------	2 25	----------		
2.81	2.00	6.86	8.00	2 00	----------	Corn gluten feed, --	9406

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	CORN PRODUCTS REFINING CO., NEW YORK, N. Y.		%	%	%
9164	Buffalo,	D. G. Bamford Milling Co., Midway.	9.86	27.69	23 00
9419	Buffalo,	Boyd Milling Co., Sharon.	9.32	27.13	23.00
9241	Buffalo,	Canons burg Milling Co., Canonsburg.	10.07	24.88	23.00
8988	Buffalo,	Dayton Milling Co., Towanda.	7.95	24.31	23.00
8889	Buffalo,	S. S. Detweiler, Quakertown.	8.76	25.75	23.00
8592	Buffalo,	Erie Milling & Supply Co., Erie.	9.95	26.31	23.00
9576	Buffalo,	Hershey Chocolate Co., Hershey.	9.62	25.31	23.00
8512	Buffalo,	Honesdale Milling Co., Honesdale.	9.34	25.75	23.00
8924	Buffalo,	Jefferson Flour & Feed Co., Punxsutawney.	9.49	27 81	23.00
8745	Buffalo,	H. J. Klinger & Co., Butler.	9.95	24.69	23.00
9533	Buffalo,	Mathers Brothers, Greenville.	8.47	25.06	23.00
8804	Buffalo,	C. P. Matthews & Sons, Inc., Wilkes-Barre.	9.65	25.63	23.00
9515	Buffalo,	Muth Brothers, Elizabethtown.	7.56	27.88	23.00
9100	Buffalo,	Sterling & Sherwood, Meshoppen.	10.45	27.81	23.00
8899	Buffalo,	A. L. Stout, Churchville,	9.67	23.88	23.00
8824	Buffalo,	Swope Brothers, Johnstown.	7.90	26.56	23.00
8982	Buffalo,	C. B. Tyler, Tunkhannock.	8.80	23.44	23.00
8417	Buffalo,	Vought Milling Co., Shamokin.	8.90	28.19	23.00
		Average,	9.20	26.00	-------
	THE HURON MILLING CO., HARBOR BEACH, MICH.				
9332	Jenk's,	S. C. Kriebel, West Point	8.70	21.56	22.00
8453	Jenk's,	W. & H. Rhoads, Norristown.	8.43	22.50	22.00
		Average,	8.56	22.03	-------
	PENICK & FORD LTD., INC., CHICAGO, ILL.				
9331	Douglass,	S. C. Kriebel, West Point,	9.17	26.94	23.00
9592	Douglass,	Mack Brothers, Titusville,	10.70	27.06	23.00
8817	Douglass,	Miner-Hillard Milling Co. Wilkes-Barre.	11.50	26.19	23.00
9561	Douglass,	Scureman Milling Co., Wilkes-Barre.	7.95	28.31	23.00
8587	Douglass,	Jos. Walker & Sons Co., Gap.	8.86	28.75	23.00
		Average,	9.63	27.45	-------
	PIEL BROTHERS STARCH CO., INDIANAPOLIS, IND.				
9400	P. Bro.,	Bergin & Co., Nanticoke,	8.20	24.50	23.00
8578	P. Bro.,	Christiana Grain & Supply Co., Christiana.	8.05	24.75	23.00
9327	P. Bro.,	J. W. Craft & Sons, Ambler.	8.18	24.94	23.00
9294	P. Bro.,	A. C. Godshall & Co., Lansdale.	8.30	24.06	23.00
9339	P. Bro.,	Knerr & Mattern, West Point.	6.84	24.00	23.00
		Average,	7.91	24.45	-------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
2.43	1.00	6.86	8.50	1 85	----------	Corn gluten feed, --	9164
1.78	1.00	6.61	8.50	2 10	----------	Corn gluten feed, --	9419
4.05	1.00	7.30	8.50	1 85	----------	Corn gluten feed, --	9241
2.03	1.00	9.48	8.50	1 80	Corn gluten feed, ------	As certified, ----------	8988
2.66	1.00	5.32	8.50	2 10	Corn gluten feed, ------	As certified, ----------	8889
2.09	1.00	6.79	8.50	2 00	Corn gluten feed, ------	As certified, ----------	8592
2.59	1.00	8.72	8.50	2 20	Corn gluten feed, ------	As certified, ----------	9576
3.49	1.00	6.91	8.50	42 00	Corn gluten feed, ------	As certified, ----------	8512
1.39	1.00	7.61	8.50	2 25	----------	Corn gluten feed, --	8924
2.20	1.00	7.96	8.00	2 00	----------	Corn gluten feed, --	8745
4.07	1.00	8.40	8.50	2 10	----------	Corn gluten feed, --	9533
2.69	1.00	8.75	8.50	2 35	Corn gluten feed, ------	As certified, ----------	8804
2.67	1.00	8.32	8.50	2 25	Corn gluten feed, ------	As certified, ----------	9515
2.30	1.00	6.99	8.50	2 00	Corn gluten feed, ------	As certified, ----------	9100
2.47	1.00	8.41	8.50	2 25	Corn gluten feed, ------	As certified, ----------	8999
2.55	1.00	8.38	8.50	2 40	----------	Corn gluten feed, --	8824
2.42	1.00	8.35	8.50	2 00	Corn gluten feed. ------	As certified, ----------	8982
1.84	1.00	6.65	8.50	2 65	Corn gluten feed, ------	As certified, ----------	8417
2.54	--------	7.65	--------	42 50			
2.77	3.00	7.01	8.00	40 00	Corn starch by-product with corn bran.	As certified, ----------	9332
2.94	3.00	6.74	8.00	1 90	Corn starch by-product with corn bran.	As certified, ----------	8453
2.86	--------	6.87	--------	39 00			
2.20	1.00	7.04	8.00	40 00	----------	Corn gluten feed, --	9331
2.27	1.00	6.45	8.00	2 30	----------	Corn gluten feed, --	9592
1.56	1.00	7.17	8.00	2 35	----------	Corn gluten feed, --	8817
3.02	1.00	6.46	8.00	2 50	----------	Corn gluten feed, --	9561
1.80	1.00	6.77	8.00	41 00	----------	Corn gluten feed, --	8587
2.17	--------	6.77	--------	44 80	----------		
2.41	2.00	6.52	8.00	--------	----------	Corn gluten feed, --	9400
1.54	2.00	6.89	8.00	2 20	----------	Corn gluten feed, --	8578
2.20	2.00	6.88	8.00	2 60	----------	Corn gluten feed, --	9327
1.99	2.00	6.05	8.00	1 90	----------	Corn gluten feed, --	9294
2.30	2.00	6.11	8.00	2 00	----------	Corn gluten feed, --	9339
2.09	------	6.49	--------	2 18	----------		

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	A. E. STALEY MANUFACTURING CO., DECATUR, ILL.		%	%	%
9006	Staley's,	Farmers' Co-operative Co., Inc., Wysox.	10.00	26.38	23.00
8648	Staley's,	Hammond Elevator Co., Corry.	9.31	24.88	23.00
9536	Staley's,	Linesville Milling Co., Linesville.	9.00	25.31	23.00
9459	Staley's,	Preston & Jacquish, Troy.	8.55	25.31	23.00
		Average,	9.21	25.47	--------
		Total average,	8.95	25.60	--------
	HOMINY FEED.				
	AUNT JEMIMA MILLS CO., St. JOSEPH, MO.				
8680	Hominy Feed,	Pomona No. 3 Exchange, West Chester.	10.33	11.31	10.00
	EVANS MILLING CO., INDIANAPOLIS, IND.				
8979	Evans,	C. B. Tyler, Tunkhannock.	8.97	12.25	10.00
8518	Evans,	Wayn Milling Co. Honesdale.	9.15	11.69	10.00
		Average,	9.06	11.97	--------
	KELLOGG TOASTED CORN FLAKE CO., BATTLE CREEK. MICH.				
9076	B. C. White,	Brown & Fassett, Tunkhannock.	8.80	11.56	10.00
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
9316	Badger White,	Frank C. Lewis, Doylestown.	10.61	10.56	10.00
9102	Badger White,	C. B. Tyler, Meshoppen,	10.50	12.38	10.00
		Average,	10.55	11.47	--------
	MINER-HILLARD MILLING CO. MINERS MILLS, PA.				
9651	Choice Steam Cooked,	Miner-Hillard Mining Co., Plymouth.	8.10	11.94	10.00
	POSTUM CEREAL CO., INC. BATTLE CREEK, HICH.				
9618	Burt's,	H. O. Ayer, Ulster,	9.60	12.00	10.00
	THE QUAKER OATS CO., CHICACO., ILL.				
9380	Yellow,	John S. Brown's Son, New Castle.	8.05	11.56	10.50
8900	Yellow,	L. W. Danenhower, Southampton.	10.34	12.94	10.50
8401	Yellow,	Dempsey & Dorr, Osceola Mills.	9.62	11.88	10.50
9433	Yellow,	R. G. Lurie, Sharon,	7.28	11.00	10.50
8839	Yellow,	E. J. Welch, Plumville,	9.59	11.06	10.50
		Average,	8.97	11.69	--------
	THE SNYDER MILLING CO., CHILLICOTHE, OHIO.				
8753	Logan,	Great Valley Mills, Inc., Paoli.	9.78	11.44	10.00
		Total average,	9.33	11.68	--------
	CORN FEED MEAL.				
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
8503	Badger,	Adam Diehl' Sons, Inc., S. Pittsburgh.	11.45	10.63	9.50

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
1.82	1.00	6.43	8.00	1 90	Corn gluten feed,	As certified,	9006
2.31	1.00	6.83	8.00	2 00		Corn gluten feed,	8648
1.41	1.00	6.51	6.00	2 10		Corn gluten feed,	9536
1.91	1.00	6.93	8.00	2 00	Corn gluten feed,	As certified,	9459
1.86		6.67		2 00			
2.53		7.18		42 59			
7.01	5.00	4.97	8.00	2 00	Hominy feed,	As certified,	8680
9.39	7.50	5.23	7.00	1 70	Manufactured from corn.	As certified,	8979
10.01	7.50	5.25	7.00	1 75	Manufactured from corn.	As certified,	8518
9.70		5.24		1 73			
7.40	6.00	3.87	5.00	1 70	Made from pure white corn.	As certified,	9076
3.92	5.00	3.35	5.00	1 85	Made from white corn,	As certified,	9316
7.62	5.00	4.35	5.00	1 70	Made from white corn,	As certified,	9102
5.77		3.85		1 78			
6.07	4.00	4.60	5.00	2 15		Hominy feed,	9651
7.64	6.00	4.74	5.00	1 75	Made from white corn,	As certified,	9018
7.25	5.00	5.13	6.00	1 90	Yellow hominy feed,	As certified,	9380
6.19	5.00	4.75	6.00	1 80	Yellow hominy feed.	As certified,	8900
7.05	6.00	4.59	5.00	1 75	Yellow hominy feed,	As certified,	8401
5.55	5.00	4.43	6.00	1 75	Yellow hominy feed,	As certified,	9433
5.47	5.00	3.70	6.00	2 40		Hominy feed,	8839
6.30		4.52		1 92			
7.74	7.00	6.39	6.00	38 00		Hominy feed,	8753
7.02		4.66		37 28			
6.00	5.00	2.94	4.50	1 75	Yellow corn,	As certified,	8503

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	WHEAT OFFALS.				
	WHEAT BRAN. (With and Without Ground Grain Screenings)				
	H. O. ANDREWS & SONS, MCVEYTOWN, PA.		%	%	%
8382	Wheat Bran,	H. O. Andrews & Sons, McVeytown.	7.77	14.81	--------
	BALDWIN FLOUR MILLS CO., MINNEAPOLIS, MINN.				
8365	Wheat Bran,	E. Hellyer, Jr., Alexandria.	8.40	14.38	14.50
	BARBER MILLING CO., MINNEAPOLIS, MINN.				
8469	Bran Flakes	Wm. B. Barnitz, Carlisle,	8.15	16.69	15.10
8395	Bran Flakes,	Center Milling Co., Philipsburg.	8.37	16.44	15.10
8973	Bran Flakes,	Hoekey & McCurdy, Scottdale.	8.76	16.44	14.50
		Average,	8.42	16.52	--------
	BAY STATE MILLING CO., WINONA, MINN.				
8918	Bay State Coarse Wheat Bran,	McFarland Supply Co., Greensburg.	8.30	15.25	13.50
	BIG DIAMOND MILL CO., MINNEAPOLIS, MINN.				
8389	Big Diamond Wheat Bran,	H. O. Andrews & Sons, Mapleton Depot.	7.47	15.25	13.00
8795	Big Diamond Wheat Bran,	R. C. Wilson, Dayton,	9.54	15.56	14.00
		Average,	8.50	15.41	--------
	BLAINE, MACKAY, LEE CO., NORTH EAST, PA.				
8610	Pure Wheat Bran and Ground Screenings.	Blaine, Mackay, Lee Co., North East.	8.43	15.75	16.00
	THE BLAIR MILLING CO., ATCHISON, KANSAS.				
9258	Hard Wheat Bran and Screenings,	A. W. Garvin, N. S. Pittsburgh.	8.91	16.44	14.50
	THE BUCKEYE CEREAL CO., MASSILLON OHIO.				
9187	Pure Soft Winter Wheat Bran,	G. A. Schnelbach, E. E. Pittsburgh.	9.85	14.69	15 00
	THE CLAFLIN MILL & ELEVATOR CO., CLAFLIN, KANSAS.				
9442	Wheat Bran and Wheat Screenings,	Mercatoris & McCullough, Meadville.	7.30	16.00	14.50
	H. CLARK CO., UNION CITY, PA.				
8659	Pure Wheat Bran with Ground Screenings not Exceeding Mill Run.	H. Clark Co., Union City.	11.24	16.44	13.00
	CLARO MILLING CO., LAKEVILLE, MINN.				
9542	Claro Pure Wheat Bran,	Farmers' Exchange, Indiana.	9.20	16.13	14.50
	THE CONSOLIDATED FLOUR MILLS CO., HUTCHINSON, KANSAS.				
9251	Wheat Bran and Screenings,	Waynesburg Milling Co., Waynesburg.	8.79	15.75	14.50

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.45	--------	8.32	--------	1 60	----------	Wheat bran and small amount ground grain screenings.	8382
5.20	4.50	10.46	12.50	1 40	Wheat bran with not exceeding mill run of ground screenings.	As certified, ----------	8365
5.50	4.40	8.77	11.60	1 60	----------	Wheat bran, ----------	8469
5.77	4.40	9.65	11.60	1 75	----------	Wheat bran, ----------	8395
5.46	4.00	6.98	11.00	1 60	----------	Wheat bran, ----------	8973
5.58	--------	8.46	--------	1 65			
5.47	3.80	9.91	13.10	1 50	Guaranteed free from screenings.	Wheat bran, ----------	8918
5.40	3.50	9.77	13.90	1 50	Wheat bran with screenings not exceeding mill run.	As certified, ----------	8389
5.10	5.00	11.18	11.50	1 75	Wheat bran with ground screenings not exceeding mill run.	As certified, ----------	8795
5.25	--------	10.47	--------	1 63			
4.45	5.00	9.12	9.00	1 65	Pure wheat bran and ground screenings.	As certified, ----------	8610
3.94	3.50	10.04	10.00	1 75	----------	Wheat bran and mill run ground screenings.	9358
4.58	4.50	8.58	12.00	1 60	----------	Wheat bran, ----------	91[illegible]
4.83	3.50	9.69	10.00	1 50	Composed of wheat bran and not over 8% ground screenings.	As certified, ----------	94[illegible]
5.39	3.00	8.77	16.00	1 60	Wheat bran with ground screenings not exceeding mill run.	As certified, ----------	8659
5.70	4.00	9.71	11.00	1 60	----------	Wheat bran, ----------	9542
4.84	3.50	9.33	11.00	1 50	Wheat bran and not exceed 8% wheat screenings.	As certified, ----------	9251

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	CROUCH BROTHERS, ERIE, PA.		%	%	%
9589	Wheat Bran with Ground Screenings not Exceeding Mill Run.	Titusville City Mills, Titusville.	8.74	16.31	15.00
	D. W. DIETRICH & CO., PHILADELPHIA, PA.				
9279	Wheat Bran, ----------	Abe Wolf, Philadelphia,	9.95	16.63	14.00
	DULUTH-SUPERIOR MILLING CO. DULUTH, MINN.				
8933	Duluth Imperial Bran, ----------	Fales Grocery Co., Reynoldsville.	8.00	16.69	15.50
8362	Duluth Imperial Bran, ----------	Huntingdon Milling Co., Huntingdon.	9.12	17.63	15.00
9055	Duluth Imperial Bran, ----------	A. T. Sprankle, DuBois,	8.80	16.69	15.50
		Average, ----------	8.64	17.00	--------
	EAGLE ROLLER MILLS CO., NEW ULM, MINN.				
9507	Wheat Bran with Ground Screenings not Exceeding Mill Run.	D. H. Borts, Kittanning,	8.22	16.13	14.00
8564	Wheat Bran with Ground Screenings not Exceeding Mill Run.	Cash Feed & Supply Co., Huntingdon.	8.82	17.63	14.00
		Average, ----------	8.52	16.83	--------
	B. A. ECKHART MILLING CO., CHICAGO, ILL.				
9628	Wheat Bran with Recleaned Ground Wheat Screenings not exceeding Mill Run.	Carnegie Feed & Supply Co., Carnegie.	8.56	16.06	14.00
9580	Wheat Bran with Recleaned Ground Wheat Screenings not exceeding Mill Run.	Hershey Chocolate Co., Hershey.	9.62	16.19	14.00
8640	Wheat Bran with Recleaned Ground Wheat Screenings not exceeding Mill Run.	Warren City Mills, Warren.	8.38	16.38	14.00
		Average, ----------	8.85	16.21	--------
	EVERETT-AUGHENBAUGH & CO., WASECA, MINN.				
8476	E-A Co. Wheat Bran with Ground Screenings not exceeding Mill Run.	Walker, Diehl & Walker, Chambersburg.	8.00	17.00	14.00
	THE FAIRCHILD MILLING CO., CLEVELAND, OHIO.				
9389	Wheat Bran with Ground Screenings exceeding Mill Run.	P. Wagner & Son, New Castle.	8.91	16.06	14.00
	FAYETTE MILLING & FEED CO., UNIONTOWN, PA.				
70	Winter Wheat Bran, ----------	Fayette Milling & Feed Co., Uniontown.	8.78	15.63	--------
	CHARLES FUNK, SHIPPENSBURG, PA.				
9235	Wheat Bran, ----------	Charles Funk, Shippensburg.	9.55	14.62	14.50
	GROVE CITY FLOURING MILLS, GROVE CITY, PA.				
9527	*Wheat Bran, ----------	Grove City Flouring Mills, Grove City.	9.06	14.88	--------
	THE GWINN MILLING CO., COLUMBUS, OHIO.				
9348	*Gwinn's Wheat Bran with Screenings not exceeding Mill Run.	Homestead Fruit & Produce Co., Munhall	8.50	16.69	13.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.10	3.50	9.61	9.00	1 70	----------	Wheat bran and mill run ground screenings.	9589
4.93	4.00	9.00	11.00	2 00	----------	Wheat bran, ----------	9279
5.61	4.50	9.74	11.75	1 80	Wheat bran with ground grain screenings not exceeding mill run.	As certified, ----------	8933
6.05	4.00	9.88	11.50	1 70	Wheat bran with ground screenings not exceeding mill run.	As certified, ----------	8362
5.48	4.50	9.77	11.75	1 75	Wheat bran with ground screenings not exceeding mill run.	As certified, ----------	9055
5.71	--------	9.79	--------	1 75			
5 73	3.40	10.19	12.00	1 60	----------	Wheat bran and mill run ground screenings.	9507
5.18	3.40	8.62	12.00	1 60	Wheat bran with ground screenings not exceeding mill run.	As certified, ----------	8364
5.46	--------	9.40	--------	1 60			
5.22	4.00	9.43	11.00	1 75	----------	Wheat bran and mill run ground screenings.	9628
5.47	4.00	10.50	11.00	1 70	----------	Wheat bran and mill run ground screenings.	9580
4.20	4.00	9.80	11.00	1 80	Wheat bran with recleaned ground wheat screenings not exceeding mill run.	As certified, ----------	8640
4.96	--------	9.91	--------	1 75			
5.41	3.00	9.16	12.00	1 65	Wheat bran with ground screenings not exceeding mill run.	As certified, ----------	8476
5.14	4.50	8.96	12.00	1.55	----------	Wheat bran and mill run ground screenings.	9389
4.44	--------	9.38	--------	1 50	----------	Wheat bran, ----------	8970
4.34	4.00	8.75	9.00	1 60	----------	Wheat bran, ----------	9235
2.81	--------	6.22	--------	1 50	Wheat bran, ----------	As certified, ----------	9527
5.24	4.00	10.10	13.50	1 75	----------	Wheat bran and mill run ground screenings.	9348

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y.		%	%	%
9474	Choice Wheat Bran with Ground Screenings not exceeding Mill Run.	Farmers' & Consumers' Commercial Union, Troy.	7.94	17.75	13.50
	S. W. HERSHEY FLOUR MILLS, YORK, PA.				
9175	Just Right Brand Pure Wheat Bran.	I. B. Graybill, Refton,	12.00	15.50	13.50
	HUBBARD MILLING CO., MANKATO, MINN.				
9498	Fancy Pure Wheat Bran, ----------	Pollock Flour & Feed Co., Ford City.	8.26	17.88	16.50
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
9165	Black Hawk Pure Wheat Bran, ----	D. G. Bamford Milling Co., Midway.	7.95	17.56	15.50
9295	Black Hawk Pure Wheat Bran, ----	A. C. Godshall & Co., Landsdale.	8.25	17.00	15.50
8908	Black Hawk Pure Wheat Bran, ----	Hudson & Kuhns, Greensburg.	8.72	17.06	15.50
9037	Black Hawk Pure Wheat Bran, ----	Johnson & Smith, Wilkinsburg.	9.10	17.50	15.50
9546	Black Hawk Pure Wheat Bran, ----	L. M. Lewis, Indiana, --	7.58	18.00	15.50
8825	Black Hawk Pure Wheat Bran, ----	Swope Brothers, Johnstown.	8.08	16.56	14.50
		Average, ----------	8.28	17.28	--------
	W. J. JENNISON CO., MINNEAPOLIS, MINN.				
9414	Pure Wheat Bran, ----------	John B. Curry's Sons Palmyra.	7.68	18.56	14.50
	LAGRANGE MILLS, RED WING, MINN.				
9494	Pure Fancy Coar e Wheat Bran, ---	J. A. Gualt Co., Kittanning.	8.36	16.31	14.50
	LAKEVIEW MILLING CO., CHAMBERSBURG, PA.				
8467	Pure Winter Wheat Bran, ----------	L. L. Rice, Carlisle, ----	7.51	15.19	14.00
	LARABEE FLOUR MILLS CORPORATION, KANSAS CITY, MO.				
8694	Wheat Bran and Wheat Screenings.	Beckerstaff & Todd, Woodlawn.	8.75	18.63	15.00
9343	Wheat Bran and Wheat Screenings.	Braddock Feed & Supply Co., Braddock.	8.50	17.44	15.00
9621	Wheat Bran and Wheat Screenings.	Edward Henning, S. S. Pittsburgh.	9.10	17.75	15.00
8951	Wheat Bran and Wheat Screenings.	Leibovitz Feed Mills, Altoona.	7.95	17.06	15.00
		Average, ----------	8.57	17.72	--------
	LEBANON MILLING CO., LEBANON, PA.				
8439	Wheat Bran Our Own Home Made,	Lebanon Milling Co., Lebanon.	8.29	15.19	--------
	LOUISVILLE MILLING CO., INC., LOUISVILLE, KY.				
9311	Sonny South Pure Wheat Bran, ----	Frank C. Lewis, Doylestown.	7.70	16.94	14.50
8465	Sonny South Pure Wheat Bran, ----	Paxton Flour & Feed Co., Carlisle.	7.78	17.31	14.50
		Average, ----------	7.74	17.13	--------

FEEDING STUFFS COLLECTED IN 1922—Continued

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.62	3.00	10.32	14.00	1 75	Wheat bran and ground grain screenings not exceeding mill run.	As certified,	9474
4.82	4.04	10.70	11.00	1 40		Wheat bran,	9175
5.86	3.50	10.40	12.00	1 70		Wheat bran,	9498
5.35	3.20	7.95	12.00	1 30		Wheat bran,	9165
5.30	3.20	9.89	12.00	1 50		Wheat bran,	9295
5.50	3.20	8.73	12.00	1 50		Wheat bran,	8908
4.17	3.20	9.80	12.00	1 60		Wheat bran,	9037
7.65	3.20	10.11	12.00	1 60		Wheat bran,	9546
5.08	3.20	10.69	12.00	1 90		Wheat bran,	8825
5.51		9.52		1 57			
5.40	4.50	9.78	11.50	1 65		Wheat bran,	9414
6.17	4.10	11.08	12.40	1 65		Wheat bran,	9494
4.85	4.00	8.53	9.50	1 70		Wheat bran and small amount ground grain screenings.	8467
4.12	3.50	9.44	10.00	1 90	Wheat bran and wheat screenings not to exceed mill run or 8%.	As certified,	8694
4.77	3.50	10.29	10.00	1.50		Wheat bran ,	9343
4.56	3.50	8.85	10.00	1 90		Wheat bran and mill run ground screenings.	9621
4.59	3.50	9.12	10.00	1 60	Wheat bran with mill run screenings not to exceed 8%.	As certified,	8951
4.51		9.42		1 73			
4.15		8.08		1 60		Wheat bran and small amount ground grain screenings.	8439
4.77	4.00	10.20	8.75	1 55		Wheat bran,	9311
4.57	4.00	8.93	8.75	1 50		Wheat bran,	8465
4.67		9.56		1.53			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
	THE J. C. LYSLE MILLING CO., LEAVENWORTH, KANSAS.				
8586	Wheat Bran and Screenings, --------	Jos. Walker & Sons Co., Gap.	8.29	17.38	15.00
	MAPLE LEAF MILLING CO., TORONTO, CANADA.				
9610	Wheat Bran, ----------	Smith Brothers, Inc., Bradford.	9.32	16.13	15.00
	MAUSDALE ROLLER MILLS, DANVILLE, PA.				
8411	Wheat Bran, ----------	Mausdale Roller Mills, Mausdale.	7.73	14.06	14.00
	MAUSER MILL CO., TREICHLERS, PA.				
8958	Wheat Bran with Ground Screenings not Exceeding Mill Run.	The Hex Milling Co., Shamokin.	7.87	16.94	14.00
	MENNEL MILLING CO., TOLEDO, OHIO.				
8821	Mennel's Fancy Bran, ----------	G. Bostert & Sons, Johnstown.	8.35	17.75	15.00
9181	Mennel's Fancy Bran, ----------	I. B. Graybill, Refton, --	6.55	16.88	15.00
9445	Mennel's Fancy Bran, ----------	McQuiston Brothers Co., Meadville.	6.37	15.19	15.00
8473	Mennel's Fancy Bran, ----------	G. R. Thompson & Son, Gettysburg.	7.62	14.88	15.00
		Average, ----------	7.22	16.18	--------
	MILLMOURNE MILLS, PHILADELPHIA, PA.				
8873	Pure Wheat Bran, ----------	Woodward & Co., Darby,	9.29	17.75	15.00
	THE NORTHWESTERN CONSOLIDATED MILLING CO. MINNEAPOLIS, MINN.				
8526	Pure Wheat Bran, ----------	C. Ditchburn's Sons, Carbondale.	7.92	16.94	13.00
9320	Pure Wheat Bran, ----------	Frank C. Lewis, Doylestown.	8.95	15.56	13.00
		Average, ----------	8.43	16.25	--------
	OMAHA FLOUR MILLS CO., OMAHA, NEBR.				
9258	Omar Pure Wheat Bran, ----------	Rochester Seed & Supply Co., Rochester.	9.95	17.25	14.50
	PAXINOS ROLLER MILLS, PAXINOS, PA.				
8419	Pure Winter Wheat Bran, ----------	Vought Milling Co., Shamokin.	7.27	15.88	--------
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
9397	Pillsbury's Wheat Bran with Ground Cleaned Wheat Screenings not exceeding Mill Run.	Gibbs Milling Co., Nanticoke.	9.69	17.06	14.00
8605	Pillsbury's Wheat Bran with Ground Cleaned Wheat Screenings not exceeding Mill Run.	W. H. Holcomb, Girard,	7.53	16.94	13.00
9491	Pillsbury's Wheat Bran with Ground Cleaned Wheat Screenings not exceeding Mill Run.	Preston Brothers, Canton,	9.07	17.88	14.00
		Average, ----------	8.76	17.29	--------
	GEORGE P. PLANT MILLING CO. ST. LOUIS, MO.				
9163	P. Wheat Bran with Wheat Screenings not exceeding Mill Run.	Mars Supply Co., Mars,--	8.90	15.81	15.00
	QUAKER CITY FLOUR MILLS CO., PHILADELPHIA, PA.				
8636	Quaker City Flour Mills Co., Bran,	Woodward & Co., Upper Darby.	8.58	16.19	13.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.11	4.00	9.09	10.00	38 00	Wheat bran with ground wheat screenings not exceeding mill run or 8%.	As certified,	8586
6.60	4.50	9.60	11.00	1 70		Wheat bran,	9610
3.76	4.00	8.93	9.00	1.60	Wheat bran with mill run of screenings.	As certified,	8411
5.32	5.00	9.78	9.00	1 80	Wheat bran with ground screenings not exceeding mill run.	As certified,	8958
5.35	4.00	10.00	9.00	1 90		Wheat bran,	8821
5.43	4.00	7.93	9.50	1 40		Wheat bran,	9181
4.61	4.00	10.07	9.50	1 60		Wheat bran,	9445
4.38	4.00	9.71	9.50	1 65		Wheat bran,	8473
4.95		9.42		1 64			
5.69	4.00	8.15	8.00	2 10		Wheat bran,	8873
5.37	4.00	9.66	13.00	1 70	Pure wheat bran,	As certified,	8526
5.52	4.00	10.74	13.00	1 55		Wheat bran,	9320
5.45		10.20		1 63			
5.87	3.50	9.50	11.00	1 50	Pure wheat bran,	As certified,	9258
4.30		9.19		1 75		Wheat bran and small amount ground grain screenings.	8419
5.12	4.00	10.16	12.00	1 90		Wheat bran and mill run ground screenings.	9397
5.37	4.00	10.95	13.00	1 70	Wheat bran with ground cleaned wheat screenings not exceeding mill run.	As certified,	8605
5.39	4.00	10.06	12.00	1 60		Wheat bran and mill run ground screenings.	9491
5.29		10.39		1 73			
4.27	3.00	10.44	11.00	1 50	Wheat bran with wheat screenings not exceeding mill run.	As certified,	9163
5.55	3.50	8.65	10.00	2 10	Winter wheat bran,	As certified,	8636

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	RED BANK MILLS, NEW BETHLEHAM, PA.		%	%	%
8782	*Bran,	Red Bank Mills, New Bethlehem.	10.45	14.13	14-17
	THE RICHARDS & EVANS COMPANY, CORTLAND, OHIO.				
9417	Pure Wheat Bran,	John M. Porter, Sharon,	8.37	14.38	14.00
	JOHN B. RIGGS, SHIPPENBURG, PA.				
9233	*Pure Wheat Bran,	John B. Riggs, Shippensburg.	8.97	14.94	--------
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.				
9301	Bran,	George C. Gallagher, Philadelphia.	8.85	17.56	13.00
	SAINT PAUL MILLING CO., SAINT PAUL, MINN.				
8404	Korno Pure Wheat Bran,	Winburne Milling Co., Winburne.	7.97	16.94	14.00
	O. P. SHUPE ESTATE, MT. PLEASANT, PA.				
8961	Fresh Ground Bran,	O. P. Shupe E tate, Mt. Pleasant.	9.40	15.75	15-18
	THE SOUTHWESTERN MILLING CO., INC., KANAS CITY, MO.				
9334	Red Turkey Pure Wheat Bran,	S. C. Kriebel, West Point,	8.94	16.88	14.50
9478	Red Turkey Pure Wheat Bran,	H. Rockwell & Son, Canton.	7.90	18.88	14.50
		Average,	8.42	17.88	--------
	SPARKS MILLING CO., ALTON, ILL.				
8581	Try Me Bran,	Christiana Grain & Supply Co., Christiana.	9.65	17.44	15.00
	SPRINGBORO MILLING CO., SPRINGBORO, PA.				
8616	Wheat Bran,	Springboro Milling Co., Springboro.	9.24	15.38	--------
	SPRINGFIELD MILLING CO., SPRINGFIELD, PA.				
8843	Wheat Bran with Ground Screenings not exeeeding Mill Run.	W. P. Lauster, Yatesboro.	9.35	16.81	15.50
	STAR & CRESCENT MILLING CO., CHICAGO, ILL.				
9161	Star and Crescent Winter Wheat Bran.	Morrow & Buxton, Valencia.	9.85	16.47	16.00
	F. W. STOCK & SONS, HILLSDALE, MICH.				
9540	Bran,	Linesville Coal, Lime & Cement Co., Linesville.	6.60	17.50	14.00
	E. STRICKLER'S SONS, LEBANON, PA.				
8435	Wheat Bran,	E. Striekler's Sons, Lebanon.	7.70	16.88	16.75
	TENNANT & HOYT CO., LAKE CITY, MINN.				
8941	Pure Bran,	Webb Brothers, Altoona,	9.45	16.63	14.00
	THOMPSON MILLING CO., LOCKPORT, N. Y.				
8534	Angelus Wheat Bran,	J. N. Gelder, Carbondale.	8.57	17.63	15.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.68	3-6	9.96	4-7	1 80	Wheat bran,	As certified,	8782
4.66	5.00	9.39	10.00	1 75		Wheat bran,	9417
4.11		9.83		1 50		Wheat bran,	9233
6.48	4.00	10.36	11.00	1 50	Made from wheat,	As certified,	9301
5.51	4.00	9.50	12.00	1 50		Wheat bran,	8404
5.30	3-5	9.40		1 50		Wheat bran,	8961
4.60	4.00	9.34	11.80	30 00		Wheat bran,	9334
4.65	4.00	9.32	11.80	1 65		Wheat bran,	9478
4.63		9.33		31 50			
4.10	3.50	8.29	10.00	38 00	Pure wheat bran and fine ground wheat screenings not exceeding mill run or 2%.	As certified,	8581
4.74		8.23		1 80	Wheat bran,	As certified,	8618
5.53	4.50	7.79	11.40	1 65		Wheat bran and mill run ground screenings.	8843
4.33	4.00	10.15	10.00	1 35		Wheat bran,	9161
4.97	3.00	8.68	10.00	1 60	Made from pure wheat with mill run screenings.	As certified,	9540
4.27	4.03	9.04	9.50	1 55		Wheat bran and small amount ground grain screenings.	8435
5.23	4.00	10.06	11.00.	1 50		Wheat bran,	8941
5.32	4.00	9.33	12.00	1 90	Hard wheat bran and ground screenings not exceeding mill run.	As certified,	8534

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	THREE SPRINGS MILLING CO., THREE SPRINGS, PA.		%	%	%
8378	Bran,	Three Springs Milling Co., Three Springs.	9.35	14.94	--------
	THE TOLEDO GRAIN & MILLING TOLEDO, OHIO.				
8773	Camp's Winter Wheat Bran,	Frank Waltman, Chicora.	10.16	14.81	15.00
	VOIGT MILLING CO., GRAND RAPIDS, MICH.				
8557	*Voigt's Winter Wheat Bran with Ground Screenings not exceeding Mill Run.	Tyrone Milling Co., Tyrone.	7.85	16.31	14.50
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN.				
9570	Wheat Bran with Cleaned Ground Wheat Screenings not Exceeding Mill Run.	Dillsburg Grain & Milling, Co., Dillsburg.	7.55	15.38	14.00
9039	Wheat Bran with Cleaned Ground Wheat Screenings not Exceeding Mill Run.	S. B. Floyd & Son, Pittsburgh.	9.53	16.06	14.00
8510	Wheat Bran with Cleaned Ground Wheat Screenings not Exceeding Mill Run.	Honesdale Milling Co., Honesdale.	8.62	17.00	13.00
9052	Wheat Bran with Cleaned Ground Wheat Screenings not Exceeding Mill Run.	L. M. Kriner, DuBois,	9.05	16.56	14.00
9534	Wheat Bran with Cleaned Ground Wheat Screenings not Exceeding Mill Run.	Mathers Brothers, Greenville.	8.77	15.13	14.00
9457	Wheat Bran with Cleaned Ground Wheat Screenings not Exceeding Mill Run.	Preston & Jacquish, Troy.	8.16	16.63	14.00
8985	Wheat Bran with Cleaned Ground Wheat Screenings not Exceeding Mill Run.	C. B. Tyler, Tunkhannock.	8.40	16.60	14.00
		Average,	8.58	16.21	--------
	THE WESTERN STAR MILLS CO., SALINA, KANSAS.				
9262	Bran and Screenings not over 8% Screenings.	W. W. McCullough, West, Bridgewater.	8.46	16.19	14.50
	I. F. WRIGHT, SHIPPENSBURG, PA.				
9228	*Pure Wheat Bran,	I. F. Wright, Shippensburg.	10.18	14.50	--------
		Total average,	8.62	16.39	--------
	MIXED FEED:—WHEAT BY-PRODUCTS.				
	(With and without ground grain screenings)				
	BLAINE, MACKAY, LEE CO., NORTH EAST, PA.				
8609	Pure Wheat Mixed Feed with Mill Run Screenings.	Blaine, Mackay, Lee Co., North East.	8.72	17.50	15.40
	CAPITAL CITY MILLING & GRAIN CO., ST. PAUL, MINN.				
8390	St. Paul Queen Fine Ground Wheat Mixed Feed with Ground Screenings not Exceeding Mill Run.	H. O. Andrews & Sons, Mapleton Depot.	10.15	17.13	15.70

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.55	--------	8.60	--------	1 60	----------	Wheat bran and small amount ground grain screenings.	8378
4.43	4.00	10.16	10.00	2 00	Soft winter wheat, -----	As certified, ----------	8773
4.55	4.00	8.81	10.00	1 75	Wheat bran with ground wheat screenings not exceeding mill run.	As certified, ----------	8557
5.64	4.00	10.19	12.00	1 65	----------	Wheat bran and mill run ground screenings.	9570
5.10	4.00	9.56	12.00	1 65	Wheat bran with cleaned ground wheat screenings not exceeding mill run.	As certified, ----------	9039
5.31	4.00	9.31	13.00	36 00	Wheat bran with ground screenings uot exceeding mill run.	As certified, ----------	8510
5.43	4.00	10.56	12.00	1 60	Wheat bran with cleaned ground wheeat screenings not exceeding mill run.	As certified, ----------	9052
5.76	4.00	11.81	12.00	1 60	----------	Wheat bran and mill ruu ground screenings.	9534
5.21	4.00	9.57	12.00	1 55	----------	Wheat bran and mill run ground screenings.	9457
5.30	4.00	10.21	12.00	1 50	Wheat bran with cleaned ground wheat screenings not exceeding mill run.	As certified, ----------	8985
5.39	--------	10.17	--------	32 43			
5.03	3.50	8.95	11.00	1 50	----------	Wheat bran and mill run ground screenings.	9262
4.91	--------	10.41	---- --	1 50	----------	Wheat bran, ----------	9228
5.07	--------	9.49	--------	32 65			
5.65	4.00	7.81	6.00	1 70	Pure wheat mixed feed with mill run screenings.	As certified, ----------	8609
5.83	4.60	7.68	8.30	1 75	Wheat mixed feed with ground screenings not exceeding mill run.	As certified, ----------	8390

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9522	St. Paul Queen Fine Ground Wheat Mixed Feed with Ground Screenings not Exceeding Mill Run.	Muth Brothers, Elizabethtown.	9.45	18.06	15.70
		Average,	9.80	17.60	--------
	DAYTON MILLING CO., TOWANDA, PA.				
8997	Wheat Feed,	Dayton Milling Co., Towanda.	9.15	15.10	--------
	EAGLE ROLLER MILL COMPANY, NEW ULM, MINN.				
9032	Eagle Roller Mill Company's Gold Coin Wheat Feed.	Floyd Vandervort, Laceyville.	10.55	17.13	15.00
	J. B. EWING, MT. UNION, PA.				
8376	*Middlings,	J. B. Ewing, Mt. Union,	6.82	14.63	12.14
	HEART OF AMERICA FLOUR MILLS, KANSAS CITY, MO.				
9188	*Flour Middlings and Ground Wheat Screenings not exceeding 10% Imitation.	C. A. Schnelbach, E. E. Pittsburgh.	10.30	17.19	16.00
	THE MENNEL MILLING CO., TOLEDO, OHIO.				
9178	Mennel's Mainspring Mixed Feed, Harter Brand.	I. B. Graybill, Refton,	8.77	18.56	15.00
	NATIONAL MILLING CO., TOLEDO. OHIO.				
9594	National Feed,	Cooperative Grange Milling Co., Titusville.	9.23	15.81	15.00
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
9393	Pillsbury's Fancy Mixed Feed,	Gibbs Milling Co., Nanticoke.	10.10	16.50	15.00
9033	Pillsbury's Fancy Mixed Feed,	Floyd Vandervort, Laceyville.	10.86	17.56	14.00
		Average,	10.48	17.03	--------
	RED WING MILLING CO., RED WING, MINN.				
9065	Red Wing Special Standard Wheat Middlings.	Keystone Flour Company, Clearfield.	9.22	18.06	15.00
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.				
9087	Occident Wheat Feed,	J. C. Harrington Co., Montrose.	9.75	20.25	15.00
8599	Occident Wheat Feed,	W. D. Ripley, Wesleyville.	9.08	18.31	15.00
		Average,	9.41	19.28	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.65	% 4.60	% 8.31	% 8.30	$ 1 75	Low grade flour, red dog, middlings, bran screenings not exceeding mill run.	As certified,	9522
5.74	--------	7.99	--------	1 75			
4.72	--------	8.28	--------	1 65	Manufactured from soft winter wheat.	Wheat bran and wheat middlings.	8997
5.14	4.00	8.87	10.50	1.60	Wheat feed with ground screenings not exceeding mill run.	Wheat bran and wheat middlings with ground screenings not exceeding mill run.	9632
5.29	1.5-3	10.66	9.11	2.20	----------	Wheat bran, wheat middlings and small amount ground grain screenings.	[illegible]
4.64	3.00	9.64	10.00	2 10	Low grade flour, wheat bran and ground wheat screenings.	Wheat bran, wheat middlings, low grade flour and ground wheat screenings.	9188
5.55	4.00	8.59	8.00	1 50	Mixed feed spring wheat mixed feed with ground screenings not exceeding mill run.	As certified,	9178
5.16	3.75	9.03	10.00	1 85	Wheat bran, salt, middlings with ground screenings not exceeding mill run.	Salt not detached,	9594
5.45	4.00	6.39	8.50	2 15	Composed of low grade wheat flour, wheat bran with ground cleaned wheat screenings not exceeding mill run.	As certified,	9303
4.67	4.00	6.84	10.00	1 60	Composed of wheat bran and wheat red dog flour with ground screenings not exceeding mill run.	As certified,	9033
5.06	--------	6.61	--------	1 88			
5.35	5.10	8.31	11.20	1 60	----------	Wheat bran and wheat middlings.	9065
5.89	4.50	8.42	10.00	1 60	Mill run of bran, middlings and reddog.	Wheat bran, wheat middlings and red-dog flour.	9087
5.78	4.50	8.11	10.00	1 85	Mill run of bran, middlings and reddog.	Wheat bran, wheat middlings and red-dog flour.	8599
5.84	--------	8.26	--------	1 73			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	STOKES MILLING CO., WATERTOWN, S. DAK.		%	%	%
8408	Standard Shorts with Ground Screenings not exceeding Mill Run.	W. H. Densham, Morrisdale.	11.47	19.00	16.00
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
9089	Omar Mixed Feed, ----------	Andre & Sweet, Montrose.	9.35	16.69	14.80
	C. W. WAGAR & CO., PHILADELPHIA, PA.				
9090	Wagar's Premium Wheat Feed, ----	Andre & Sweet, Montrose.	9.39	16.50	16.00
		Total average, -----	9.55	17.29	--------
	WHEAT MIDDLINGS.				
	(With and without ground grain screenings).				
	STANDARD WHEAT MIDDLINGS.				
	BLAINE, MACKAY, LEE CO., NORTH EAST, PA.				
8608	Pure Wheat Middlings with Mill Run Screenings.	Blaine, Mackay, Lee Co., North East.	9.82	16.31	16.00
	CLARO MILLING CO., LAKEVILLE, MINN.				
9643	Claro Wheat Middlings with Ground Screenings not exceeding Mill Run.	Plymouth Mill & Grain Co., Plymouth.	9.95	14.50	15.00
	DULUTH-SUPERIOR MILLING CO., DULUTH, MINN.				
8934	Wheat Standard Middlings, --------	Fales Grocery Co., Reynoldsville.	10.57	18.31	17.50
	EAGLE ROLLER MILLS CO., NEW ULM, MINN.				
9508	Wheat Middlings with Ground Screenings not Exceeding Mill Run.	D. H. Borts, Kittanning,	9.55	17.00	15.00
	THE FAIRCHILD MILLING CO., CLEVELAND, OHIO.				
9382	Standard Middlings with Screenings not Exeeeding Mill Run.	John S. Brown's Son, New Castle.	8.50	18.25	13.00
8689	Standard Middlings with Ground Screenings not exceeding Mill Run.	Elder C. Garvin, Millvale.	9.61	17.97	13.00
8977	Standard Middlings with Ground Screenings not exceeding Mill Run.	Keystone Supply Co., Jeannette.	9.50	18.13	13.00
		Average, ----------	9.21	18.12	--------
	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y.				
9614	Standard Middlings with Ground Screenings not exceeding Mill Run.	Carroll E. Douglass, Bradford.	10.20	18.13	15.00
9476	Standard Middlings with Ground Screenings not exceeding Mill Run.	Farmers' & Consumers' Commercial Union Troy.	10.04	18.31	15.00
		Average, ----------	10.12	18.22	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.53	5.20	5.35	8.00	1 75	Standard shorts with ground screenings not exceeding mill run.	Wheat bran and wheat middlings.	8408
4.87	3.80	7.42	10.00	1 90	Wheat bran, wheat middlings, (contains ground screenings not exceeding mill run).	As certified, ----------	9089
4.46	3.50	6.10	8.00	1 90	Wheat bran and wheat flour with ground screenings not exceeding mill run.	As certified, ----------	9090
5.21	--------	7.98	--------	1 79			
5.42	5.00	10.20	5.00	1 75	Pure wheat middlings with mill run screenings.	As certified, ----------	8608
5.13	3.00	10.69	10.00	1.95	Wheat middlings with ground screenings not exceeding mill run.	As certified, ----------	9643
5.51	5.00	6.66	8.75	1 80	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----------	8934
5.59	4.00	9.83	9.00	1 75	Wheat middlings with ground screenings not exceeding mill run.	As certified, ----------	9508
5.83	4.00	7.93	9.00	1 75	Standard middlings with screenings not exceeding mill run.	As certified, ----------	9382
5.36	4.00	7.58	9.00	1 85	Standard wheat middlings with ground screenings not exceeding mill run.	As certified, ----------	8689
5.35	4.00	7.36	9.00	1 75	Standard middlings with ground screenings not exceeding mill run.	As certified, ----------	8977
5.51	--------	7.62	--------	1 78			
6.02	4.75	8.29	11.50	2 00	Standard middlings with ground screenings not exceeding mill run.	As certified, ----------	9614
6.17	4.75	8.74	11.50	1 75	Made from wheat. -----	Standard wheat middlings with ground grain screenings.	9476
6.19	--------	8.51	--------	1.88			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	S. W. HERSHEY FLOUR MILLS, YORK, PA.		%	%	%
8572	Just Right Brand Pure Wheat Shorts,	S. Book & Brother, Quarryville.	12.19	17.25	15.63
	MAPLE LEAF MILLING CO., TORONTO, CANADA.				
9608	Rex Wheat Shorts, Screenings not to exceed Mill Run.	Smith Brothers Co., Inc., Bradford.	11.00	17.13	16.00
	THE MENNEL MILLING CO., TOLEDO, OHIO.				
9176	Mennel's Middlings, Harter Brand,	I. B. Graybill, Refton,	9.83	18.38	15.00
	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN.				
8527	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	C. Ditchburn's Sons, Carbondale.	10.47	16.75	14.00
8418	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	Vought Milling Co., Shamokin.	9.85	17.56	14.00
		Average, ----------	10.16	17.16	--------
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN				
9394	Pillsbury's Wheat Standard Middlings with Ground Cleaned Wheat Screenings not exceeding Mill Run.	Gibbs Milling Co., Nanticoke.	10.50	15.44	15.00
9620	Pillsbury's Wheat Standard Middlings with Ground Cleaned Wheat Screenings not exceeding Mill Run.	Edward Henning, S. S., Pittsburgh.	10.35	16.50	15.50
8770	Pillsbury's Wheat Standard Middlings with Ground Cleaned Wheat Screenings not exceeding Mill Run.	E. H. Price, Chicora, --	11.80	16.81	14.00
		Average, ----------	10.88	16.25	--------
	RUSSELL-MILLER MILLING COMPANY, MINNEAPOLIS, MINN.				
9563	Alta Pure Wheat Middlings, Mill Run of Standard Middlings and Flour Middlings.	Scureman Milling Co., Wilkes-Barre.	10.09	17.31	15.00
	SAINT PAUL MILLING CO., SAINT PAUL, MINN.				
8515	Korno Wheat Standard Middlings, --	Honesdale Milling Co., Honesdale.	9.99	16.81	15.00
	SHEFFIELD-KING MILLING CO., MINNEAPOLIS, MINN.				
8406	White Hope Wheat Middlings, ------	W. H. Densham, Morrisdale.	10.30	17.88	16.00
	TENNANT & HOYT CO., LAKE CITY, MINN.				
8507	Wheat Standard Middlings, --------	Honesdale Milling Co., Honesdale.	10.50	17.38	16.00
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
8772	Camp's Standard Wheat Middlings,	Frank Waltman, Chicora,	11.07	16.50	15.50

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.74	4.60	7.77	8.25	1 90	Pure wheat shorts.	As certified,	8572
5.66	5.50	8.35	10.00	1 80	Wheat shorts with screenings not to exceed mill run.	As certified,	9608
5.29	4.00	9.97	6.50	1 75	Spring wheat feed with ground screenings not exceeding mill run.	Wheat standard middlings with ground grain screenings.	9176
6.35	4.00	8.95	11.00	1 70	Wheat standard middlings with ground screenings not exceeding mill run.	Wheat standard middlings and large amount ground grain screenings.	8527
6.14	4.00	9.27	11.00	1 75	Wheat standard middlings with ground screenings not exceeding mill run.	Wheat standard middlings and large amount ground grain screenings.	8518
6.25		9.11		1 73			
5.59	4.00	9.65	9.50	1 90	Wheat standard middlings with ground cleaned wheat screenings not exceeding mill run.	As certified,	9394
5.28	4.00	8.58	9.50	1 90	Wheat standard middlings with ground cleaned wheat screenings not exceeding mill run.	As certified,	9620
4.99	4.00	9 44	11.00	1 80	Wheat standard middlings with ground cleaned wheat screenings not exceeding mill run.	As certified,	8770
5.29		9.22		1 87			
6.45	4.50	7.31	8.50	1 85	Mill run of standard middlings and flour middlings.	As certified,	9563
5.55	4.50	10 80	10.50	36 00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified,	8515
5.13	4.50	8.36	8.00	2 00	Wheat middlings, wheat products and pulverized wheat screenings.	As certified,	8406
5.05	5.00	8.08	8.00	36 00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified,	8507
5.03	6.00	6.98	5.00	2 00	Standard wheat middlings.	As certified,	8772

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	GEORGE URBAN MILLING CO., BUFFALO, N. Y.		%	%	%
9465	Winter Wheat Middlings with Ground Screenings not exceeding Mill Run.	F. P. Case & Son, Troy,	8.98	16.69	15.00
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN.				
8747	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	H. J. Klingler & Co., Butler.	11.65	17.94	14.00
9456	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	Preston & Jaquish, Troy,	9.37	18.44	15.00
		Average,	10.51	18.19	--------
		Total average,	10.22	17.27	--------
	WHEAT FLOUR MIDDLINGS.				
	THE AKRON FEED & MILLING CO., AKRON, OHIO.				
8649	Portage Flour Middlings,	Hammond Elevator Co., Corry.	11.33	16.81	14.00
	BARBER MILLING CO., MINNEAPOLIS, MINN.				
8974	Fancy White Flour Middlings with Ground Screenings not exceeding Mill Run.	Hockey & McCurdy, Scottdale.	9.77	17.31	15.00
	BALDWIN FLOUR MILLS CO., MINNEAPOLIS, MINN.				
9396	Wheat Flour Midds. with not exceeding Mill Run Ground Screenings.	Gibbs Milling Co., Nanticoke.	10.40	16.00	16.50
9562	Wheat Flour Midds. with not exceeding Mill Run Ground Screenings.	Scureman Milling Co., Wilkes-Barre.	10.92	15.31	16.50
		Average,	10.66	15.66	--------
	BIG DIAMOND MILLS CO., MINNEAPOLIS, MINN.				
8554	Big Diamond Wheat Flour Middlings,	Juniata Feed & Flour Co., Tyrone.	10.75	16.81	16.00
8794	Big Diamond Wheat Flour Middlings,	R. C. Wilson, Dayton,	10.80	17.44	16.50
		Average,	10.77	17.13	--------
	EMPIRE MILLING COMPANY, MINNEAPOLIS, MINN.				
9405	Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Earley & Detweiler, Palmyra.	9.83	17.63	16.50
	HUBBARD MILLING CO., MANKATO, MINN.				
8945	Flour Middlings,	Fay Milling Co., Hollidaysburg.	10.81	19.56	18.00
	W. J. JENNISON CO., MINNEAPOLIS, MINN.				
9140	Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	John B. Curry's Sons, Swatara,	11.07	18.13	16.50

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.03	% 4.00	% 7.07	% 9.50	$ 2 20	Winter wheat middlings with ground screenings not exceeding mill run.	As certified, ----------	9465
6.07	4.00	7.29	11.00	1 70	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----------	8747
6.06	4.00	7.51	9.50	1 60	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----------	9456
6.07	--------	7.40	--------	1.65			
5.51	--------	8.50	--------	36.64			
4.22	3.00	5.65	9.00	1 80	Wheat products.	Wheat flour middlings.	8649
5.20	4.00	6.56	6.00	1 90	White flour middlings with ground screenings not exceeding mill run.	As certified, ----------	8574
5.32	5.00	5.81	6.00	2 20	Wheat flour middlings with not exceeding mill run ground screenings.	As certified, ----------	9396
5.04	5.00	4.96	6.00	2 25	Wheat flour middlings with not exceeding mill run ground screenings.	As certified, ----------	9562
5.18	--------	5.38	--------	2 23			
5.08	4.50	6.82	8.00	1 75	Wheat flour middlings with ground screenings not to exceed mill run.	As certified, ----------	8554
5.02	4.50	5.59	6.00	2 25	Wheat flour middlings with ground screenings not to exceed mill run.	As certified, ----------	8704
5.05	--------	6.20	--------	2 00			
5.26	4.50	6.33	6.00	1 80	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, ----------	9405
6.01	5.00	4.55	6.00	2 25	Flour middlings. -------	Wheat flour middlings.	8975
4.81	4.50	5.52	6.00	1 70	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, ----------	9140

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8475	Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Walker, Diehl & Walker, Chambersburg.	10.15	16.88	16.50
		Average,	10.61	17.51	--------
	LAKEVIEW MILLING CO., CHAMBERSBURG, PA.				
9238	Soft Winter Wheat Middlings,	Charles Funk, Shippensburg.	10.20	16.25	15.00
	THE NEWSOME FEED & GRAIN COMPANY, MILWAUKEE, WIS.				
9625	*Flour Middlings, I. B. Swanson,	Adam Diehl's Sons, Inc., S. S., Pittsburgh.	11.11	15.25	15.00
	NIAGARA FALLS MILLING CO., NIAGARA FALLS, N. Y.				
8472	Niagara Choice Wheat Middlings,	The Mt. Holly Feed & Grain Co., Mt. Holly Springs.	11.13	16.88	16.50
	PAXINOS ROLLER MILLS, PAXINOS, PA.				
8415	System Blended Middlings,	Vought Milling Co., Shamokin.	11.32	16.06	--------
	PFEFFER MILLING CO., LEBANON, ILL.				
8755	Wheat Middlings,	Great Valley Mills, Inc., Paoli.	10.87	17.06	13.00
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
9272	Pillsbury's Wheat Middlings,	Excelsior Flour & Feed Co., Freedom.	10.43	18.25	16.00
	GEORGE P. PLANT MILLING CO., ST. LOUIS, MO.				
9162	P. Wheat Middlings with Wheat Screenings not exceeding Mill Run.	Mars Supply Co., Mars,	9.48	17.69	17.00
	RED WING MILLING CO., RED WING, MINN.				
9500	Red Wing Special Wheat Flour Middlings.	Pollock Flour & Feed Co., Ford City.	10.09	17.13	16.50
	SAINT PAUL MILLING COMPANY, SAINT PAUL, MINN.				
9525	Korno Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	George E. McQuiston, Grove City.	9.97	16.38	16.00
		Total average,	10.54	16.99	--------
	BROWN SHORTS.				
	AUNT JEMIMA MILLS CO., ST. JOSEPH, MO.				
9593	Aunt Jemima Shorts,	Mack Brothers, Titusville.	11.42	19.06	16.00
	THE CONSOLIDATED FLOUR MILLS CO., HUTCHISON, KANS.				
9252	Wheat Brown Shorts and Screenings.	Waynesburg Milling Co., Waynesburg.	10.64	18.50	16.50
	D. W. DIETRICH & CO., PHILADELPHIA, PA.				
8894	Wheat Middlings with Mill Run of Screenings.	A. L. Stout, Churchville,	11.50	17.25	15.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.01	4.50	6.36	6.00	1 75	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, ----------	8475
4.91	--------	5.94	--------	1 73			
4.91	4.00	6.30	7.00	1 75	Soft winter wheat middlings.	Wheat flour middlings.	9238
3.65	4.00	5.92	8.00	2 00	Flour middlings.	Wheat flour middlings and large amount ground grain screenings.	9625
4.90	3.50	5.80	9.00	1 70	Choice wheat middlings. No screenings.	As certified, ----------	8472
4.64	--------	5.27	--------	2 00	----------	Wheat flour middlings and small amount ground grain screenings.	8415
4.86	5.00	7.19	7.00	44 00	Wheat middlings with ground screenings not exceeding mill run.	As certified, ----------	8755
5.09	4.00	5.73	5.00	1 90	Low grade wheat flour wheat standard middlings with ground cleaned wheat screenings not exceeding mill run.	Wheat flour middlings with ground grain screenings.	9272
4.85	4.00	7.20	9.50	1 65	Wheat middlings with wheat screenings not exceeding mill run.	As certified, ----------	9162
5.47	4.00	6.19	6.00	2 00	Wheat flour middlings.	As certified, ----------	9500
5.38	4.30	6.20	6.00	1 90	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, ----------	9525
4.99	--------	5.99	--------	38 68			
5.20	3.50	6.57	8.00	2 10	Made from wheat shorts.	As certified, ----------	9593
5.70	3.50	5.51	5.50	1 70	Wheat shorts and not to exceed 8% wheat screenings.	As certified, ----------	9252
4.27	4.00	5.17	8.00	2 00	Wheat middlings with mill run of screenings.	As certified, ----------	8894

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	HUBBARD MILLING CO., MANKATO, MINN.		%	%	%
9499	Standard Wheat Fine Middlings with Ground Screenings not exceeding Mill Run.	Pollock Flour & Feed Co. Ford City.	9.62	17.63	17.10
	PARKER MILLING CO., PARKERS LANDING, PA.				
8774	Fancy Brown Middlings, ----------	E. C. Raumbaugh, Petrolia.	13.08	15.63	12–14
	O. P. SHUPE ESTATE, MT. PLEASANT, PA.				
8962	Brown Middlings, ----------	O. P. Shupe Estate, Mt. Pleasant.	11.20	16.88	15.18
	SPRINGFIELD MILLING CO., SPRINGFIELD, MINN.				
8844	Wheat Standard Middlings, ----------	W. P. Lauster, Yatesboro.	11.07	18.38	17.00
	DAVID STOTT FLOUR MILLS CO., DETROIT, MICH.				
9432	*Pennant Middlings, ----------	R. G. Lurie, Sharon,	10.09	16.31	15.00
		Average, ----------	11.07	17.46	--------
	GRAY SHORTS.				
	BOYD MILLING CO., SHARPSVILLE, PA.				
9421	*Middlings, ----------	Boyd Milling Co., Sharon.	10.86	16.44	--------
	THE COMMERCIAL MILLING CO. DETROIT, MICH.				
9552	*Standard Wheat Middlings with Ground Screenings not exceeding Mill Run.	Homer City Feed Mills, Homer City.	11.10	15.25	13.50
	DAYTON MILLING CO., TOWANDA, PA.				
8998	White Wheat Middlings, ----------	Dayton Milling Co., Towanda.	10.48	17.60	14.00
	EAGLE ROLLER MILLS CO., NEW ULM, MINN.				
8984	Eagle Roller Mill Co.'s Wheat Flour Middlings with ground Screenings not exceeding Mill Run.	C. B. Tyler, Tunkhannock.	11.62	19.62	16.00
	CHARLES FUNK, SHIPPENSBURG, PA.				
9236	Wheat Middlings, ----------	Charles Funk, Shippensburg.	11.10	15.75	15.50
	HANNIBAL MILLING CO., HANNIBAL, MO.				
8459	Fancy Soft Wheat Midds, ----------	Simpson Brothers, Norristown.	10.36	17.56	16–17
	S. W. HERSHEY FLOUR MILLS, YORK, PA.				
9174	Just Right Brand Pure Wheat Shorts.	I. B. Graybell, Refton,	8.64	17.38	15.63
	LAGRANGE MILLS, RED WING, MINN.				
9493	Wheat Fine Middlings with Ground Screenings not exceeding Mill Run.	J. A. Gualt Co., Kittanning.	9.60	18.31	16.90
	THE LARABEE FLOUR MILLS CORPORATION, WELLINGTON, KANS.				
8952	Winter Wheat Gray Middlings, ----	Leibovitz Feed Mills, Altoona.	10.42	19.81	17.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.60	% 4.90	% 9.44	% 9.50	$ 1 75	Standard wheat fine middlings with ground screenings not exceeding mill run.	Wheat brown shorts with ground grain screenings.	9499
4.67	3-5	4.05	4-6	2 10	Brown middlings, ------	Wheat brown middlings.	8774
4.76	3-5	6.21	--------	1 80	Brown middlings, ------	Wheat brown shorts.	8962
6.06	5.00	6.54	9.00	1 65	Wheat standard middlings.	Wheat brown shorts,	8844
4.78	4.00	5.72	9.00	1 85	Brown wheat middlings with ground screenings not exceeding mill run.	As certified, ----------	9432
5.13	--------	6.15	--------	1.87			
5.25	--------	5.11	--------	2.00	----------	Wheat gray shorts,	9421
4.13	4.50	5.42	9.50	1 80	Standard wheat middlings with ground screenings not exceeding mill run.	Wheat gray shorts, with ground grain screenings.	9552
4.30	3.00	5.25	5.00	2 00	White wheat middlings,	Wheat gray shorts,	8998
5.57	5.00	4.71	6.00	2 25	Wheat flour middlings with ground screenings not exceeding mill run.	Wheat gray shorts,	8984
4.24	4.00	5.29	5.50	1 80	Wheat middlings, ------	Wheat gray shorts,	9236
5.00	4.5-5	5.30	7-8	1 90	Wheat middlings with ground screenings not exceeding mill run.	Wheat gray shorts with ground gray screenings.	8459
4.98	4.60	5.24	8.25	1 90	Pure wheat shorts, ----	Wheat gray shorts,	9174
6.76	5.10	8.96	8.80	1 70	Wheat fine middlings with ground screenings not exceeding mill run.	Wheat gray shorts with ground screenings.	9493
5.27	4.50	4.79	5.50	1 90	Winter wheat gray middlings.	As certified, ----------	8952

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	LEBANON MILLING CO., LEBANON, PA.		%	%	%
8440	Wheat Middlings Our Own Home Made.	Lebanon Milling Co., Lebanon.	9.76	16.88	--------
	SHANE BROTHERS & WILSON CO. MINNEAPOLIS, MINN.				
8855	Snowball Wheat Flour Middlings with Ground Wheat screenings not exceeding Mill Run.	Eureka Store, Windber.	11.78	18.25	16.00
	SNYDER MILLING CO., TIMBLIN, PA.				
9501	*Choice Fresh Ground Middlings, --	High Street Mills, Kittanning.	12.63	17.56	--------
	THE SPRUCE CREEK MILLING CO., SPRUCE CREEK, PA.				
8559	Middlings, ----------	M. & M. Store, Inc., Tyrone.	7.85	16.38	--------
	STOKES MILLING CO., WATERTOWN, S. DAK.				
8851	Standard Shorts with Ground Screenings not exceeding Mill Run.	John G. Emert, Somerset.	11.11	17.56	17.20
9063	Standard Shorts with Ground Screenings not exceeding Mill Run.	J. T. Murphy, Clearfield.	10.11	18.88	17.20
		Average, ----------	10.61	18.22	--------
	E. STRICKLER'S SONS, LEBANON, PA.				
8436	Wheat Middlings, ----------	E. Strickler's Sons, Lebanon.	10.19	16.25	18.50
	F. E. TRUSKENMILLER, WATSONTOWN, PA.				
9360	Wheat Middlings, ----------	King Feed Co., Williamsport.	11.15	16.38	14.63
	THE WICHITA FLOUR MILLS CO. WICHITA, KANSAS.				
9599	Wheat Gray Shorts and Screenings.	H. G. Hutchison Milling Co., Hydetown.	10.92	18.13	16.00
	I. F. WRIGHT, SHIPPENSBURG, PA.				
9227	*Pure Wheat Middlings, ----------	I. F. Wright, Shippensburg.	11.57	15.50	--------
		Total average, ------	10.59	17.31	--------
	WHITE SHORTS.				
	H. O. ANDREWS & SONS, MCVEYTOWN, PA.				
8383	Wheat Middlings, ----------	H. O. Andrews & Sons, McVeytown.	11.57	15.81	--------
	BAY STATE MILLING CO., WINONA, MINN.				
8840	Bay State Fancy White Flour Middlings.	E. J. Welch, Plumville,	11.59	17.63	14.10
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.				
8363	Wheat Midds, ----------	Huntingdon Milling Co., Huntingdon.	11.47	16.25	--------

*Not registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.75	--------	4.95	--------	1 75	Wheat middlings, ------	Wheat gray shorts with small amount ground grain screenings.	8440
4.80	4.00	4.89	9.00	2 35	Wheat flour middlings with ground wheat screenings not exceeding mill run.	Wheat gray shorts with ground screenings not exceeding mill run.	8855
5.19	--------	4.35	--------	2 00	Fresh ground middlings.	Wheat gray shorts,	9501
4.66	--------	4.33	--------	2 20	Middlings, ----------	Wheat gray shorts with ground grain screenings.	8559
4.89	4.10	4.89	7.30	1 90	Standard shorts with ground screenings not exceeding mill run, ---	Wheat gray shorts with ground screenings not exceeding mill run.	8851
5.39	4.10	5.92	7.30	2 15	Standard shorts with ground screenings not exceeding mill run, ---	Wheat gray shorts with ground screenings not exceeding mill run.	9063
5.14	--------	5.40	--------	2 03			
3.72	3.20	4.92	4.30	1 55	Wheat middlings, ------	Wheat gray shorts with small amount ground grain screenings.	8436
3.99	3.56	5.23	5.29	1 90	Wheat middlings, ------	Wheat gray shorts,	9360
4.59	2.50	5.60	5.50	2 00	Wheat gray shorts and not over 5% screenings,	As certified, ----------	9599
4.49	--------	4.58	--------	1 90	Pure wheat middlings,--	Wheat gray middlings with small amount ground grain screenings.	9227
4.84	--------	5.19	--------	1 95			
5.06	--------	3.73	--------	1.85	Wheat middlings, ------	Wheat white middlings with small amount ground grain screenings.	8383
4.45	2.00	2.20	1.90	2 90	White flour middlings.	As certified, ----------	8840
4.59	--------	3.29	--------	2 00	Wheat middlings, -------	Wheat white shorts,	8363

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	BRADFORD & COMPANY, CENTER HALL, PA.		%	%	%
8940	W. W. Middlings,	Webb Brothers, Altoona,	10.65	15.25	14-17
	H. CLARK COMPANY, UNION CITY, PA.				
8658	Pure Wheat Middlings,	H. Clark Company, Union City.	12.56	17.19	14.70
	EAGLE ROLLER MILL CO., NEW ULM, MINN.				
9103	Eagle Roller Mill Company's Wheat Flour Middlings.	C. B. Tyler, Meshoppen.	10.90	19.50	16.00
	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y.				
9612	Fancy White Middlings,	L. A. Fischer & Co., Bradford.	10.81	17.50	15.50
	HIGHSPIRE FLOUR MILLS, INC., HIGHSPIRE, PA.				
8539	Pure Wheat Middlings,	Golden Leader Milling Co., Middletown.	11.89	14.25	14.00
9516	Pure Wheat Middlings,	Muth Brothers, Elizabethtown.	12.32	14.38	14.00
8466	Pure Wheat Middlings,	Paxton Flour & Feed Co., Carlisle.	11.23	14.00	15.00
9123	Pure Wheat Middlings,	Paxton Flour & Feed Co., Progress.	12.24	14.50	14.00
		Average,	11.92	14.28	--------
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
9635	Black Hawk Wheat Standard Middlings with Ground screenings not to exceed Mill Run.	A. Davidson Feed Co., McKeesport.	11.45	17.13	16.50
	THE ISMERT-HINCKE MILLING CO., KANSAS CITY, MO.				
9256	A. B. C. Feed,	J. K. Lawson, Washington.	10.63	16.44	16.00
	MAUSDALE ROLLER MILLS, DANVILLE, PA.				
8410	Wheat Middlings,	Mausdale Roller Mills, Mausdale.	12.19	13.81	14.00
	QUAKER CITY FLOUR MILLS CO., PHILADELPHIA, PA.				
8660	Quaker City Flour Mills Co., Middlings.	Woodward & Co., Upper Darby.	12.06	16.25	14.00
	RED BANK MILLS, NEW BETHLEHEM, PA.				
8783	*Winter Wheat Middlings,	Red Bank Mills, New Bethlehem.	11.25	16.69	--------
	JOHN B. RIGGS, SHIPPENSBURG, PA.				
9234	*Pure Wheat Middlings,	John B. Riggs, Shippensburg.	11.69	14.31	--------
	STAR & CRESCENT MILLING CO., CHICAGO, ILL.				
9296	Crescent White Wheat Middlings,	A. C. Godshall & Co., Lansdale.	10.28	16.94	16.00
	THREE SPRINGS MILLING CO., THREE SPRINGS, PA.				
8377	Middlings,	Three Springs Milling Co. Three Springs.	12.25	16.00	--------
		Total average,	11.63	15.99	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.22	% 3-4	% 3.91	% 11-12	$ 2.00	Wheat white middlings,	As certified, ----------	8940
4.49	3.00	3.31	6.00	1 85	Pure wheat middlings.	Wheat white shorts,	8658
5.50	5.00	3.22	6.00	1 75	Wheat flour middlings with ground screenings not exceeding mill run.	Wheat white shorts with ground screenings not exceeding mill run.	9103
5.56	4.25	3.91	6.00	2 35	White middlings, ------	As certified, ----------	9612
3.11	3.00	3.90	4.00	2 15	Pure wheat middlings.	Wheat white shorts,	8539
2.08	3.00	2.66	4.00	1 75	Pure wheat middlings.	Wheat white shorts,	9516
3.08	4.00	3.15	5.00	1 80	Pure wheat middlings.	Wheat white shorts and small amount ground grain screenings.	8466
2.63	3.00	3.11	4.00	2 10	Pure wheat middlings,	Wheat white shorts,	9123
2.73	--------	3.20	--------	1 95			
5.06	4.50	3.60	8.50	2 00	Wheat standard middlings with ground screenings not to exceed mill run.	Wheat white shorts with ground screenings not exceeding mill run.	9635
4.30	3.50	4.39	6.50	1 95	Ground wheat offal produced in commercial flour milling with ground wheat screenings not to exceed 8%.	Wheat white shorts with ground wheat screenings.	9256
3.71	4.00	2.61	7.00	1 70	Wheat middlings, -------	Wheat white shorts,	8410
4.11	4.00	4.37	5.50	2 20	Made from pure wheat.	Wheat white shorts,	8660
4.88	--------	4.69	--------	2.15	Winter wheat middlings and mill run screenings.	Wheat white shorts,	8783
3.56	--------	3.21	--------	1.75	Pure wheat middlings.	Wheat white shorts,	9234
4.31	4.50	3.69	6.00	1 70	White wheat middlings.	As certified, ----------	9296
4.75	--------	3.97	--------	1 80	Middlings.	Wheat white shorts with small amount ground grain screenings.	8377
4.17	--------	3.53	--------	1.99			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	LOW GRADE FLOUR.				
	THE AKRON FEED & MILLING CO., AKRON, OHIO.		%	%	%
8849	Red Dog Portage Flour Middlings.	Valley Mills, Johnstown,	11.25	16.38	14.00
	BLAINE, MACKAY, LEE CO., NORTH EAST, PA.				
8607	Red Dog Wheat Flour,	Blaine, Mackay, Lee Co., North East.	10.82	17.50	17.00
9604	Red Dog Wheat Flour,	Charles O. Salberg, Ridgway.	10.90	16.31	17.00
		Average.	10.86	16.91	--------
	EMPIRE MILLING CO., MINNEAPOLIS MINN.				
9081	Ivanhoe Low Grade,	Brown & Passett, Tunkhannock.	10.50	18.88	18.00
	THE ISMERT-HINCKE MILLING CO., KANSAS CITY, MO.				
8743	I. H. Pure And Fancy Wheat Offal Feed.	H. J. Klinger & Co., Butler.	11.10	14.31	14.50
	PILLSBURY FLOUR MILLS, MINNEAPOLIS, MINN.				
9059	Pillsbury XX Daisy,	Mitchell Milling Co., Clearfield.	10.95	18.69	15.00
	SHEFFIELD-KING MILLING CO., MINNEAPOLIS, MINN.				
8396	Fancy Lowgrade,	Center Milling Co., Philipsburg.	10.05	17.44	17.00
	STOKES MILLING CO., WATERTOWN, S. DAK.				
8850	Red Dog,	John G. Emert, Somerset,	12.05	18.13	17.00
9266	Pure Flour Middlings,	Monaca Roller Mills, Monaca.	12.04	17.63	16.20
		Total average,	11.07	17.25	--------
	RYE OFFALS.				
	RYE MIDDLINGS.				
	(With and without screenings).				
	WM. BACON-HOLMES CO., CHELSEA, MICH.				
8887	Fancy Rye Middlings,	S. S. Detweiler, Quakertown.	10.67	16.25	15.90
	MINER-HILLARD MILLING CO., WILKES-BARRE, PA.				
9309	Choice Rye Middlings with Screenings not exceeding Mill Run.	Frank C. Lewis, Doylestown.	9.85	14.88	12.00
		Average,	10.26	15.57	--------
	MIXED FEED: RYE BY-PRODUCTS.				
	WEYAUWEGA MILLING CO., WEYAUWEGA, WIS.				
8655	Rye Feed,	Union Coal & Supply Co., Union City.	8.88	18.25	15.00
	WHEAT AND RYE OFFALS.				
	THE QUAKER OATS CO., CHICAGO, ILL.				
8901	Buckeye Feed,	L. W. Danenhower, Southampton.	9.95	18.69	15 50

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.31	3.00	3.52	9.00	2 20	Red dog flour middlings.	As certified,	8849
4.10	4.00	1.79	3.00	1 85	Red dog wheat flour,	As certified,	8607
3.59	4.00	2.08	3.00	2 50	Red dog wheat flour,	As certified,	9604
3.85	--------	1.93	--------	2 18			
5.35	4.50	4.54	4.00	2 25	Low grade,	Low grade wheat flour	9081
1.89	2.00	1.03	3.00	1 90	Pure wheat offal feed.	Low grade wheat flour,	8743
4.85	4.00	2.74	4.00	2 20		Low grade wheat flour,	9059
3.83	4.00	2.27	4.00	2 40	Low grade—Pure wheat products.	As certified,	8396
3.00	3.00	1.77	3.10	2 25	Red dog,	As certified,	8850
3.35	3.00	2.28	3.40	1 95	Pure flour middlings,	Low grade flour middlings.	9266
3.70	--------	2.44	--------	2 17			
2.84	2.40	3.29	4.60	1 65	Rye middlings,	As certified,	8887
3.32	2.50	4.18	5.00	1 50	Rye middlings with screenings not exceeding mill run.	As certified,	9309
3.08	--------	3.73	--------	1 58			
3.78	3.00	6.15	10.00	1 60	Rye feed with ground screenings not exceeding mill run.	Rye bran and middlings with ground screenings not exceeding mill run.	8655
5.36	4.50	7.51	11.00	2 05	Wheat mixed feed (with ground wheat screenings not exceeding mill run,) rye middlings.	As certified,	8901

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8710	Buckeye Feed,	The Goldsboro Pure Feed Co., Etters.	10.45	18.25	15.50
9318	Buckeye Feed,	Frank C. Lewis, Doylestown.	9.05	17.69	15.50
8965	Buckeye Feed,	F. E. Painter, Mt. Pleasant.	9.95	17.25	15.50
9022	Buckeye Feed,	Floyd Vandervort, Lacyville.	10.55	18.13	15.50
9385	Buckeye Feed,	P. Wagner & Son, New Castle.	10.40	17.81	15.50
		Average,	10.05	17.97	--------
	OAT BY-PRODUCTS.				
	OAT FEED.				
	THE CORNO MILLS CO., ST. LOUIS, MO.				
9354	Corno Oat Feed,	Agnes Campbell, Woodville.	5.50	7.06	6.00
	THE H-O CEREAL CO., INC., BUFFALO, N. Y.				
8479	H-O Reground Oat Hulls,	Greencastle Milling Co., Greencastle.	5.72	5.38	4.00
	PURITY OATS CO., DAVENPORT, IOWA.				
8883	Purity Oat Feed,	S. S. Detweiler, Quakertown.	7.23	7.13	5.00
8428	Purity Oat Feed,	A. B. Harnish, Mechanicsburg.	6.82	6.00	6.73
8426	Purity Oat Feed,	J. H. Koller, Mechanicsburg.	6.10	5.00	5.00
		Average,	6.71	6.04	--------
	ROBIN HOOD MILLS LIMITED, MOOSE JAW, CANADA.				
9520	Blue Moose Moulee Feed,	Muth Brothers, Elizabethtown.	6.07	16.97	13.50
8573	Blue Moose Reground Oat Feed,	S. Book & Brother, Quarryville.	9.75	7.06	5.25
9521	Blue Moose Reground Oat Feed,	Muth Brothers, Elizabethtown.	6.01	6.31	5.25
		Average,	7.88	6.69	--------
		Total average,	6.65	7.61	--------
	BUCKWHEAT OFFALS.				
	BUCKWHEAT MIDDLINGS.				
	GROVE CITY FLOURING MILLS, GROVE CITY, PA.				
9528	*Buckwheat Middlings,	Grove City Flouring Mills, Grove City.	11.67	24.25	-------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.84	4.50	7.51	11.00	1 85	Wheat mixed feed (with ground wheat screenings not exceeding mill run), rye middlings.	As certified, ----------	8710
4.85	4.50	8.85	11.00	1 55	Wheat mixed feed (with ground wheat screenings not exceeding mill run), rye middlings.	As certified, ----------	9318
4.83	4.50	7.43	11.00	2 00	Wheat mixed feed (with ground wheat screenings not exceeding mill run), rye middlings.	As certified, ----------	8965
4.90	4.50	7.45	11.00	1 60	Wheat mixed feed (with ground wheat screenings not exceeding mill run), rye middlings.	As certified, ----------	9022
4.81	4.50	8.10	11.00	1 70	Wheat mixed feed (with ground wheat screenings not exceeding mill run), rye middlings.	As certified, ----------	9385
4.93	--------	7.80	--------	1 79			
2.16	2.00	27.49	28.00	1 40	Oatmeal mill by-product contains oat middlings oat shorts and oat hulls.	As certified, ----------	9354
2.19	2.00	25.77	28.00	1 25	Oat shorts and oat hulls. Total roughages not over 1700 lbs. per ton.	As certified, ----------	8479
1.89	1.50	28.12	30.00	19 00	Made from oat middlings, oat shorts, oat hulls.	As certified, ----------	8883
1 89	2.00	28.29	32.65	1 05	Made from oat middlings, oat shorts, oat hulls.	As certified, ----------	8428
1.98	1.50	29.50	30.00	1 00	Made from oat middlings, oat shorts, oat hulls.	As certified, ----------	84[illegible]6
1.92	--------	28.63	--------	20.00			
7.67	5.00	10.62	14.00	1 75	Oat midds, oat shorts and oat hulls.	As certified, ----------	9520
2.82	2.50	26.20	28.00	1 25	----------	Oat feed, ----------	8573
2.35	2.50	28.46	28.00	1.30	Oat hulls and oat midds.	As certified, ----------	9521
2.59	--------	27.33	--------	1 28			
2.87	--------	25.55	--------	24.88			
6.49	--------	5.75	--------	1 50	Buckwheat middlings, --	As certified, ----------	9528

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	PINE GROVE FLOUR & FEED MILLS, RUSSELL, PA.		%	%	%
8646	*Buckwheat Bran and Shorts,	Pine Grove Flour & Feed Mills, Russell.	11.62	22.50	--------
	H. ROCKWELLL & SON, CANTON, PA.				
9477	Buckwheat Shorts,	H. Rockwell & Son, Canton.	10.70	29.69	28.00
		Average,	11.33	25.48	--------
	ALFALFA MEAL.				
	THE DENVER ALFALFA MILLING & PRODUCTS CO., LAMAR, COLORADO.				
9110	Alfalfa Meal,	Blank & Gottshall Co., Inc., Sunbury.	7.80	17.63	12.00
9464	Alfalfa Meal,	E. P. Case & Son, Troy,	6.33	15.25	12.00
9324	Alfalfa Meal,	J. W. Craft & Sons, Ambler.	6.95	15.44	12.00
8957	Alfalfa Meal,	The Hex Milling Co., Shamokin.	7.45	15.44	12.00
8452	Alfalfa Meal,	W. & H. Rhoads, Norristown.	7.69	14.94	12.00
		Average,	7.12	15.70	--------
	OMAHA ALFALFA MILLING CO., OMAHA, NEBR.				
8754	Alfalfa Meal,	Great Valley Mills, Inc., Paoli.	8.63	14.94	12.00
		Total average,	7.37	15.61	--------
	DRIED BEET PULP.				
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
9001	Dried Beet Pulp,	Waldo Brothers, Wysox,	8.25	10.69	8.00
	MAX HOTTELET, MILWAUKEE, WIS.				
8394	*Dried Beet Pulp,	Joseph Weber, Philadelphia.	6.82	9.69	8.00
	KASCO MILLS, INC., TOLEDO, OHIO.				
8525	Dried Beet Pulp,	C. Ditchburn's Sons, Carbondale.	7.68	10.31	9.00
	THE LARROWE MILLING CO., DETROIT, MICH.				
9118	Dried Beet Pulp,	Blank & Gottshall Co., Inc., Sunbury.	7.82	10.81	8.00
8529	Dried Beet Pulp,	Carbondale Milling Co., Carbondale.	6.81	10.56	8.00
8530	Dried Beet Pulp,	Carbondale Milling Co., Carbondale.	7.44	9.94	8.00
9460	Dried Beet Pulp,	E. P. Case & Son, Troy,	7.51	10.88	8.00
8584	Dried Beet Pulp,	Christiana Grain & Supply Co., Christiana.	8.39	10.63	8.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.59	--------	13.88	--------	1 00	Buckwheat bran and shorts.	Buckwheat middlings,	8646
7.57	7.50	5.82	6.00	1 95	----------	Buckwheat middlings,	9477
6.55	--------	8.48	--------	1 48			
2.13	1.00	29.73	35.00	2 00	Made from alfalfa hay,	As certified, ----------	9110
1.88	1.50	32.69	35.00	2 00	Made from alfalfa hay,	As certified, ----------	9464
1.74	1.00	32.59	35.00	2 50	Made from alfalfa hay,	As certified, ----------	9324
1.68	1.00	31.85	35.00	2 50	Made from alfalfa hay,	As certified, ----------	8957
2.03	1.00	27.94	35.00	2 00	Made from alfalfa hay,	As certified, ----------	8452
1.89	--------	30.96	--------	2 20			
1.72	1.00	30.60	35.00	42 00	Alfalfa meal, ----------	As certified, ----------	8754
2.00	--------	30.90	--------	43 67			
0.90	0.50	20.50	20.00	2 40	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	9001
1.05	0.50	19.72	20.00	1 70	----------	Dried beet pulp, --	8394
1.01	0.50	20.05	18.00	1 80	Composed of dried beet pulp.	As certified, ----------	8525
1.10	0.50	20.57	20.00	2 25	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	8118
0.83	0.50	21.17	20.00	1 90	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	8529
1.08	0.50	20.38	20.00	1 90	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	8530
1.68	0.50	19.68	20.00	2 00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	9460
1.09	0.50	19.71	20.00	1 80	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	8584

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9325	Dried Beet Pulp,	J. W. Craft & Sons, Ambler.	7.10	8.19	8.00
8684	Dried Beet Pulp,	Joseph Finney, Holland,	11.52	12.81	8.00
8626	Dried Beet Pulp,	Newtown Feed & Grain Co., Newtown.	8.38	9.25	8.00
8460	Dried Beet Pulp,	Simpson Brothers, Norristown.	7.34	8.31	8.00
8631	Dried Beet Pulp,	Woodward & Co., Upper Darby.	8.45	9.81	8.00
		Average,	8.07	10.12	--------
	WEST BAY CITY SUGAR CO., BAY CITY, MICH.				
9642	*Dried Beet Pulp,	Plymouth Mill & Grain Co., Plymouth.	7.50	9.50	8.00
		Total average,	7.92	10.09	--------
	MIXED FEEDS.				
	PROPRIETARY DAIRY FEED.				
	ACME-EVANS COMPANY, INDIANAPOLIS, IND.				
9551	Acme Dairy Feed,	Homer City Feed Mills, Homer City.	8.23	23.38	25.00
	THE AKRON FEED & MILLING CO., AKRON, OHIO.				
9539	Portage Dairy Feed,	Linesville Coal, Lime & Cement Co., Linesville.	7.75	24.44	22.00
	AMERICAN MILLING CO., PEORIA ILL.				
8701	American Dairy Ration,	Peter Blumling, McKees Rocks.	8.67	24.38	24.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
0.74	0.50	19.16	20.00	2 25	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	9325
0.97	0.50	18.56	20.00	2 20	Composed only of residue of sugar beets dried after extraction of sugar.	Mouldy and damaged,	8684
1.12	0.50	18.57	20.00	2 10	Composed only of residue of sugar beets dried after extraction of sugar.	Mouldy and damaged,	8626
0.95	0.50	19.60	20.00	1 00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	8460
1.09	0.50	18.90	20.00	2 10	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	8631
1.07	--------	19.63	--------	2 01			
1.05	0.50	20.70	20.00	3 25	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, ----------	9642
1.05	--------	19.80	--------	2 09			
5.59	5.00	7.28	9.00	2 50	Linseed oil meal, corn gluten feed, wheat bran, cottonseed meal, wheat middlings, brewers' dried grains and ½ of 1% salt.	As certified, ----------	9551
6.52	5.00	8.85	10.00	2 25	Dried distillers' grains, dried beet pulp, corn feed meal, wheat bran, corn gluten feed, cottonseed meal, linseed meal, salt and calcium carbinate.	Found also cocoanut oil meal and malt sprouts.	9539
5.20	4.50	9.09	10.00	2 20	Corn distillers' dried grains, prime cottenseed meal, corn gluten feed, prime peanut oil meal, dried sugar beet pulp, wheat bran, corn feed meal, wheat middlings, salt and calcium carbonate. (Bran and middlings may contain mill run screenings.)	Corn distillers' grains not detected. Found also malt sprouts, cocoanut oil meal, small amount peanut hulls and brewers' dried grains.	8701

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
9145	American Dairy Ration, ----------	Dannals Milling Co., Altoona.	8.22	24.88	24.00
8602	American Dairy Ration, ----------	Charles C. Good Co., North Girard.	8.36	25.19	24.00
9529	American Dairy Ration, ----------	W. J. Kelly, Grove City,	7.17	25.38	24.00
	J. J. BADENOCH COMPANY, CHICAGO, ILL.	Average, ----------	8.10	24.96	--------
9250	Graingold Dairy Feed, ----------	Farmers' Milling Corporation, Washington.	9.05	25.25	26.00
8560	Graingold Dairy Feed, ----------	E. M. Rutter & Co., New Holland.	8.53	27.69	26.00
8359	Graingold Dairy Feed, ----------	Joshua Stouffer & Son, Huntingdon.	8.25	26.75	25.00
		Average, ----------	8.61	26.56	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat. Found.	Fat. Guaranteed.	Fiber. Found.	Fiber. Guaranteed.	Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
%	%	%	%	$			
5.91	4.50	8.51	10.00	3 00	Corn distillers' dried grains, prime cottonseed meal, cocoanut oil meal, linseed oil meal, corn gluten feed, prime peanut oil meal, dried sugar beet pulp, wheat bran, corn feed meal, wheat middlings, (bran and middlings may contain mill run screenings) salt, calcium carbonate.	Corn distillers' dried grains not detected. Found also brewers' dried grains.	9145
4.87	5.50	8.61	10.00	2 45	Corn distillers' dried grains, prime cottonseed meal, cocoanut oil meal, linseed oil meal, corn gluten feed, prime peanut oil meal, dried sugar beet pulp, wheat bran, corn feed meal, wheat middlings, (bran and middlings may contain mill run screenings) salt, calcium carbonate.	As certified, ----------	8602
5.20	4.50	8.95	10.00	2 40	Corn distillers' dried grains, prime cottonseed meal, cocoanut oil meal, linseed oil meal, corn gluten feed, prime peanut oil meal, dried sugar beet pulp, wheat bran, corn feed meal, wheat middlings, (bran and middlings may contain mill run screenings) salt, calcium carbonate.	Found also brewers' dried grains and malt sprouts.	9529
5.30	--------	8.79	--------	2 51			
5.50	5.00	9.92	14.00	2 50	Hominy feed, cottonseed meal, ground oats, O. P. oil meal, gluten feed, bran with ground screenings not exceeding mill run, peanut oil meal, ground barley and salt.	As certified, ----------	9250
5.35	5.00	10.87	14.00	45 00	Hominy feed, cottonseed meal, ground oats, O. P. oil meal, gluten feed, bran with ground screenings not exceeding mill run, peanut oil meal, ground barley and salt.	Old process oil meal identified as unscreened linseed oil feed.	8560
6.29	5.00	10.85	14.00	2 65	Hominy feed, cottonseed meal, ground oats, O. P. oil meal, gluten feed, bran with ground screenings not exceeding mill run, peanut oil meal, ground barley and salt.	Corn gluten feed not detected.	8359
7.51	--------	1..54	--------	49 33			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9255	Milky Way Dairy Ration,	J. K. Lawson, Washington.	8.96	23.31	20.00
8361	Milky Way Dairy Ration,	Joshua Stouffer & Son, Huntingdon.	8.05	24.56	20.00
		Average,	8.50	23.94	
	BERGIN & CO., NANTICOKE, PA.				
9401	Dairy Feed,	Bergin & Co., Nanticoke,	9.20	19.81	18.00
	BROWN & FASSETT, TUNKHANNOCK, PA.				
9075	B. & F. Dairy Ration,	Brown & Fassett, Tunkhannock.	9.31	26.19	23.00
9079	B. & F. Milk Ration,	Brown & Fassett, Tunkhannock.	9.18	22.50	20.00
	CHAPIN & COMPANY, HAMMOND, IND.				
9537	Ajax Dairy Ration,	Linesville Milling Co., Linesville.	8.05	20.63	20.00
9652	Unicorn Dairy Ration,	F. W. Dawson & Son, Williamsport.	8.51	24.19	24.00
9469	Unicorn Dairy Ration,	Farmers' & Consumers' Commercial Union, Troy.	7.01	26.31	24.00
8832	Unicorn Dairy Ration,	J. H. Hershberger & Son, Johnstown.	8.48	24.00	24.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.14	% 5.00	% 10.29	% 12.00	$ 2 30	Wheat bran and middlings with screenings not exceeding mill run, linseed oil meal, cotton seed meal, gluten feed, corn feed meal, oat midds, oat shorts, oat hulls, calcium carbonate, ground barley, peanut oil meal and salt.	Found also small amount of peanut hulls.	9255
4.99	5.00	13.15	12.00	2 40	Cottonseed meal, O. P. oil meal, gluten feed, wheat middlings, wheat bran with screenings not exceeding mill run, corn feed meal, clipped oat by-product, ground barley, peanut oil meal, calcium phosphate and salt.	As certified, ----------	8361
4.57	--------	11.72	--------	2 35			
4.09	5.00	8.56	12.00	2 40	Wheat middlings, bran, O. P. oil meal, screenings, dried brewers' grains, salt, corn gluten feed, corn meal.	As certified, ----------	9401
4.45	5.00	7.92	10.00	2 30	Cottonseed meal, old process oil meal, corn gluten feed, wheat bran, wheat middlings, hominy feed, ground oats, 1% of salt.	As certified, ----------	9075
4.15	5.00	8.16	10.00	2 30	Cottonseed meal, old process oil meal, corn gluten feed, wheat bran, corn meal, ground oats, 1% of salt.	As certified, ----------	9079
6.10	5.00	8.53	9.00	2 30	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed dried brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	As certified, ----------	9537
5.82	5.00	7.93	10.00	2 65	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	Found also small amount ground grain screenings.	9652
6.41	5.00	8.95	10.00	2 35	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	As certified, ----------	9469
5.54	5.00	8.97	10.00	2 65	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	As certified, ----------	8832

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
9273	Unicorn Dairy Ration,	Hildebrand-Jones Co., New Brighton.	8.87	25.13	24.00
8511	Unicorn Dairy Ration,	Honesdale Milling Co., Honesdale.	8.31	24.94	24.00
9485	Unicorn Dairy Ration,	H. Rockwell & Son, Canton.	7.63	24.25	24.00
9448	Unicorn Dairy Ration,	Sherman Milling Co., Meadville.	7.25	25.00	24.00
9099	Unicorn Dairy Ration,	Sterling & Sherwood, Meshoppen.	9.05	24.81	24.00
8737	Unicorn Dairy Ration,	Thompson & Glenn, Butler.	9.04	25.44	24.00
		Average,	8.27	24.90	--------
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
8369	Advanced Registry Dairy Feed,	E. W. Fluke, Williamsburg.	8.00	25.94	25.00
9555	Advanced Registry Dairy Feed,	Juniata Feed & Flour Co., Tyrone.	8.12	26.31	25.00
8946	Advanced Registry Dairy Feed,	George B. Miller, Hollidaysburg.	9.68	23.25	25.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.86	% 5.00	% 8.40	% 10.00	$ 2 40	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	Found also small amount ground grain screenings.	9273
5.54	4.50	8.27	10.00	49 00	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	Found also small amount ground grain screenings.	8511
5.55	5.00	8.65	10.00	2 45	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	As certified, ----------	9485
5.90	5.00	8.58	10.00	2 50	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	Found also small amount ground grain screenings.	9448
5.54	5.00	8.79	10.00	2 50	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	As certified, ----------	9099
5.65	5.00	8.87	10.00	2 40	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal and salt.	Found also small amount ground grain screenings.	8737
5.76	--------	8.60	--------	49 67			
6.28	5.50	9.04	11.00	2 50	Hominy feed, corn gluten feed, linseed meal, old process, cocoanut oil meal, old process, wheat bran, wheat middlings, dried grains from barley malt and corn, cottonseed meal and one-half of one per cent. fine table salt.	Salt not detected, ----	8369
6.94	5.50	8.98	11.00	2 50	Hominy feed, corn gluten feed, linseed meal, old process, cocoanut oil meal, old process, wheat bran, wheat middlings, dried grains from barley malt and corn, cottonseed meal and one-half of one per cent. fine table salt.	Salt not detected, ----	8555
5.66	5.50	10.14	11.00	2 40	Hominy feed, corn gluten feed, linseed meal, old process, cocoanut oil meal, old process, wheat bran, wheat middlings, dried grains from barley malt and corn, cottonseed meal and one-half of one per cent. fine table salt.	Found also small amount ground grain screenings and trace and trace small whole weed seeds.	8946

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9617	Advanced Registry Dairy Feed, ----	The Polish Cooperative Store, Johnsonburg.	8.30	25.81	25.00
9030	Advanced Registry Dairy Feed, ----	Floyd Vandervort, Laceyville.	9.35	26.94	25.00
		Average, ----------	8.69	25.65	--------
8792	Old Colony Feed, The Ready Ration for Dairy Cows, ----------	Rimersburg Milling Co., Rimersburg.	9.72	21.19	20.00
	DAYTON MILLING CO. TOWANDA, PA.				
8906	Dayton's Ideal Dairy Ration, ------	Dayton Milling Co., Towanda.	9.75	25.69	23.00
	THE DEWEY BROTHERS CO., BLANCHESTER, OHIO.				
9378	Dewey's Ready Ration, ----------	John S. Brown's Son, New Castle.	7.90	24.56	25.00
	THE ALBERT DICKINSON COMPANY, CHICAGO, ILL.				
9553	Dickinson Dairy Feed, ----------	J. A. McKelvey, Blairsville.	8.15	26.88	24.00
9200	Dickinson Dairy Feed, ----------	Morrison Brothers, Bellevue.	9.20	24.56	24.00
8963	Dickinson Dairy Feed, ----------	F. E. Painter, Mt. Pleasant.	8.84	24.56	24.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.48	% 5.00	% 8.03	% 10.00	$ 2 90	Hominy feed, corn gluten feed, linseed meal, old process, cocoanut oil meal, old process, wheat bran, wheat middlings, dried grains from barley malt and corn, cottonseed meal and one-half of one per cent. fine table salt.	Cocoanut oil meal not detected.	9617
6.36	5.50	8.82	11.00	2 50	Hominy feed, corn gluten feed, linseed meal, old process, cocoanut oil meal, old process, wheat bran, wheat middlings, dried grains from barley malt and corn, cottonseed meal and one-half of one per cent. fine table salt.	As certified, ----------	9030
6.17	--------	9.00	--------	2 56			
4.47	3.50	8.17	12.00	3 00	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, dried beet pulp, wheat bran and wheat middlings, ½ of 1% fine table salt.	As certified, ----------	8792
5.52	4.00	6.40	10.00	2 30	Gluten, oil meal, buckwheat middlings, cottonseed meal, wheat middlings, wheat bran, corn meal and salt.	As certified, ----------	8996
6.19	6.00	10.57	11.00	2 40	Corn distillers' dried grains, brewers' dried grains, linseed oil meal, cottonseed meal, malt sprouts, wheat bran, wheat middlings, corn gluten feed, hominy feed and ½% salt.	As certified, ----------	9378
5.51	5.50	8.50	10.00	2 50	Corn gluten feed, brewers' dried grains, wheat bran, wheat middling, cottonseed meal, linseed oil meal, hominy feed and ½ of 1% salt.	Salt not detected. Found also small amount ground grain screenings.	9553
4.95	5.50	9.87	10.00	2 60	Corn gluten feed, brewers' dried grains, wheat bran, wheat middling, cottonseed meal, linseed oil meal, hominy feed and ½ of 1% salt.	As certified, ----------	9200
4.88	5.50	8.70	10.00	2 50	Corn gluten feed, brewers' dried grains, wheat bran, wheat middling, cottonseed meal, linseed oil meal, hominy feed and ½ of 1% salt.	Found also small amount ground grain screenings.	8963

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9415	Dickinson Dairy Feed,	John M. Porter, Sharon,	8.00	25.88	24.00
9154	Dickinson Dairy Feed,	R. J. Remaley, Juniata,	8.90	26.00	24.00
9629	Dickinson Dairy Feed,	Richey & McFarland, Carnegie.	8.21	24.50	24.00
9605	Dickinson Dairy Feed,	Smith Brothers Co., Ridgway.	8.57	24.63	24.00
		Average,	8.55	25.29	-------
	EDGAR-MORGAN CO., MEMPHIS, TENN.				
8481	*Happy Cow Feed (Dry),	Strickler & Gillan, Greencastle.	9.03	24.75	24.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
8427	Eshelman's 25 Dairy Feed,	F. L. Coover, Mechanicsburg.	8.42	28.13	25.00
9120	Eshelman's 25 Dairy Feed,	Paxton Flour & Feed Co., Progress.	8.11	25.44	25.00
		Average,	8.26	26.79	-------
	FARMERS' COOPERATIVE CO., INC., WYSOX, PA.				
9013	W. C. O. Dairy Ration,	Farmers' Cooperative Co., Inc., Wysox.	8.44	24.19	24.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.31	5.50	9.30	10.00	2 60	Corn gluten feed, brewers' dried grains, wheat bran, wheat middling, cottonseed meal, linseed oil meal, hominy feed and ½ of 1% salt.	As certified, ----------	9415
4.79	5.50	9.30	10.00	3 25	Corn gluten feed, brewers' dried grains, wheat bran, wheat middling, cottonseed meal, linseed oil meal, hominy feed and ½ of 1% salt.	Salt not detected, ----	9154
5.37	5.50	7.50	10.00	2 70	Corn gluten feed, brewers' dried grains, wheat bran, wheat middling, cottonseed meal, linseed oil meal, hominy feed and ½ of 1% salt.	As certified, ----------	9329
5.49	5.00	9.04	10.00	3 00	Corn gluten feed, brewers' dried grains, wheat bran, wheat middling, cottonseed meal, linseed oil meal, hominy feed and ½ of 1% salt.	As certified, ----------	9605
5.19	--------	8.88	--------	2 74			
5.24	4.50	12.34	16.00	1 85	Velvet bean feed, cocoanut meal, corn feed meal, wheat bran, alfalfa meal, cottonseed meal, salt.	As certified, ----------	8481
4.82	5.00	9.81	12.00	2 35	Cottonseed meal, wheat middlings, wheat bran, beet pulp, O. P. linseed meal, cocoanut oil meal, corn gluten feed, corn gluten meal, ½ of 1% salt.	Found also small amount ground grain screenings.	8427
4.26	5.00	8.68	12.00	2 50	Choice cottonseed meal, wheat bran, wheat middlings, cocoanut oil meal, corn gluten feed, corn gluten meal, old process linseed meal, dried beet pulp, ½ of 1% salt.	Salt not detected, ----	9120
4.54	--------	9.24	--------	2.43			
5.98	6.00	6.11	8.00	2 25	Distillers' dried grains, dried beet pulp, corn gluten feed, linseed oil meal, cottonseed meal, wheat bran.-hominy feed, standard middlings, ground oats, charcoal, salt.	Distillers' dried grains not detected.	9013

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.		%	%	%
9645	Grandin's Milk Maker, ----------	Plymouth Mill & Grain Co., Plymouth.	8.80	20.63	20.00
9082	Grandin's Twin Six Dairy Feed, ----	J. C. Harrington Co., Montrose.	9.62	23.44	22.00
	HALES & HUNTER COMPANY, CHOCAGO, ILL.				
9582	Red Horn Dairy Feed, ----------	Clyde D. Duffee, Oil City,	9.85	18.06	20.00
	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL.				
9326	Homestead Dairy Feed, ----------	J. W. Craft & Sons, Ambler.	7.83	24.56	20.00
8968	Homestead Dairy Feed, ----------	Fayette Milling & Feed Co., Uniontown.	9.25	22.63	22.00
9166	Homestead Dairy Feed, ----------	The Oakdale Feed Mills, Oakdale.	8.35	24.69	22.00
		Average, ----------	8.47	23.96	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 6.45	% 5.00	% 8.81	% 12.00	$ 2 75	Linseed oil meal, cottonseed meal, cocoanut oil meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oat middlings, beet pulp and one-half of one per cent, of salt. (Wheat bran and wheat middlings may contain ground screenings not exceeding mill run).	As certified, ----------	9645
5.80	5.00	9.65	12.00	2 40	Linseed oil meal, cottonseed meal, cocoanut oil meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oat middlings, alfalfa meal and one-half of one per cent. of salt. (Wheat bran & wheat middlings may contain ground screenings not exceeding mill run).	As certified, ----------	9082
3.97	4.00	7.94	10.00	2 40	Corn feed meal, ground oats, ground barley, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, distillers' grains, calcium phosphate and salt.	Salt not detected, ----	9582
4.70	4.00	8.98	9.00	3 00	Corn gluten feed, cottonseed meal, linseed meal, whole ground oats, hominy feed, corn germ meal, wheat bran, wheat middlings.	Found also brewers' dried grains, malt sprouts, beet pulp, ground grain screenings, small amount of small whole weed seeds and salt.	9326
5.81	5.00	8.44	10.00	2 50	Corn distillers' dried grains, prime cottonseed meal, linseed oil meal, corn gluten feed, wheat middlings, corn feed meal, wheat bran, dried sugar beet pulp, salt, calcium carbonate.	Corn distillers' dried grains not detected. Found also brewers' dried grains malt sprouts and oat meal mill by-products.	8968
6.27	5.00	6.55	10.00	2 25	Corn distillers' dried grains, pure cottonseed meal, linseed oil meal, corn gluten feed, wheat middlings, corn feed meal, wheat bran, dried sugar beet pulp, salt and calcium carbonate.	Found also malt sprouts and screenings oil feed meal.	9166
5.59	--------	7.99	--------	2 58			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN.		%	%	%
8738	*Thompson's Best Dairy Feed, ----	Thompson & Glenn, Butler.	10.30	25.56	24.06
	JAMESTOWN ELECTRIC MILLS, JAMESTOWN, N. Y.				
8645	Jem Rob Roy Dairy Feed, ----------	E. S. Clark, Akely, ----	9.64	23.31	22.00
	KASCO MILLS, TOLEDO, OHIO.				
8903	Beatsall Milk Grains, ----------	L. W. Danenhower, Southampton.	8.75	23.63	22.00
8594	Beatsall Milk Grains, ----------	West Side Feed Co., Erie,	9.11	23.31	22.00
		Average, ----------	8.93	23.47	--------
	KERR MILLING CO., TITUSVILLE, PA.				
9598	*Kereo Dairy Feed, ----------	Kerr Milling Co., Titusville.	9.80	19.44	18.00
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
9510	Krameo Dairy Rations, ----------	Wm. Gates Estate, Kittanning.	7.72	23.06	20.00
8576	Krameo Dairy Rations, ----------	A. L. Herr & Brothers, Quarrryville.	8.20	22.19	20.00
8448	Kramco Dairy Rations, ----------	W. & H. Rhoads, Norristown.	8.76	20.56	20.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
21	5.00	7.15	8.50	2 45	Corn gluten feed, corn meal, old process oil meal, cottonseed meal, copra meal, wheat bran, wheat shorts, reddog flour, salt.	Copra meal not detected.	8738
5.65	5.00	9.77	9.00	2.45	Cottonseed meal, O. P. linseed oil meal, corn feed meal, gluten feed, wheat bran, hominy feed, whole oats ground.	Found also small amount ground grain screenings.	8645
5.33	4.50	9.46	10.00	2 50	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, ¾ of 1% salt, beet pulp.	As certified, ----------	8903
5.38	4.50	8.11	10.00	2 25	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, ¾ of 1% salt, beet pulp.	As certified, ----------	8594
5.36	--------	8.78	--------	2 38			
5.36	5.00	5.95	6.00	2 60	Corn meal, ground oats, wheat bran, wheat middlings, buckwheat, oil meal.	Salt not detected, ----	9598
5.92	4.00	9.56	11.00	2 50	Badger hominy feed, beet pulp, O. P. linseed oil meal, prime cottenseed meal, gluten feed, distillers' grains, malt sprouts, corn meal, wheat middlings, wheat bran with mill run screenings and salt.	Malt sprouts and distillers' dried grains not detected.	9510
4.98	4.00	10.05	11.00	47 00	Badger hominy feed, beet pulp, O. P. linseed oil meal, prime cottenseed meal, gluten feed, distillers' grains, malt sprouts, corn meal, wheat middlings, wheat bran with mill run screenings and salt.	Old process linseed oil meal not detected.	8576
5.02	4.00	9.81	11.00	2 25	Badger hominy feed, dried beet pulp. O. P. linseed oil meal, cottonseed meal, glutten feed, distillers' grains, malt sprouts, corn meal, wheat middlings, wheat bran with mill run screenings, corn feed meal and salt.	As certified, ----------	8448

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8732	Kramco Dairy Rations,	George Walter & Sons, Butler.	9.00	21.06	20.00
		Average,	8.42	21.72	
9601	Krause 24 High Protein Dairy Ration,	Danville State Hospital, Danville.	8.10	24.94	24.00
8373	Milkmor Fancy Mixed Feed,	Petersburg Grain, Fed & Supply Co., Petersburg.	10.07	12.31	12.00
9098	Milkmor Fancy Mixed Feed,	Sterling & Sherwood, Meshoppen.	10.80	12.75	12.00
		Average,	10.43	12.53	
	THE LAKE SHORE ELEVATOR CO., CLEVELAND, OHIO.				
9242	Victory Grains Dairy Food,	William H. Dunlap, Jr., Cannonsburg.	9.16	21.69	20.00
9383	Victory Grains Dairy Food,	F. W. Hutchison & Co., New Castle.	8.10	20.75	20.00
		Average,	8.63	21.22	
	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA.				
8722	Golden Rod Dairy Feed,	H. A. Fishburn, Penbrook.	9.45	27.63	25.00
8750	Golden Rod Dairy Feed,	Great Valley Mills, Inc., Paoli.	10.97	27.06	25.00
		Average,	10.21	27.35	

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.48	% 4.00	% 10.20	% 11.00	$ 2 30	Badger hominy feed, beet pulp, O. P. linseed oil meal, prime cottonseed meal, gluten feed, distillers' grains, malt sprouts, corn meal, wheat middlings, wheat bran with mill run screenings & salt.	Found also rye middlings.	8732
5.10	--------	9.90	--------	47 00			
6.16	5.00	9.84	10.00	45 80	Distillers' grains copra meal, gluten feed, O. P. linseed oil meal, malt sprouts, cottonseed meal, Badger hominy feed, wheat bran, wheat middlings with mill run screenings and salt.	Cocoanut oil meal not detected. Found also brewers' dried grains, small amount ground grain screenings and trace of small whole weed seed.	9601
3.45	4.00	3.34	5.00	--------	Corn reddog flour, wheat bran with ground screenings not exceeding mill run, salt.	As certified, ----------	8373
3.61	3.50	3.86	5.00	2 00	Red dog, corn flour, wheat bran with mill run screenings & salt.	Salt not detected, --	9098
3.53	--------	3.60	--------	2 00			
4.55	3.00	9.97	14.00	2 30	Cottonseed meal, old process oil meal, corn gluten feed, ground oats, ground barley meal, white hominy meal, wheat bran, dried beet pulp, one-half of 1% salt.	As certified, ----------	9242
5.60	3.00	7.55	14.00	2 60	Cottonseed meal, old process oil meal, corn gluten feed, ground oats, ground barley meal, white hominy meal, wheat bran, dried beet pulp, one-half of 1% salt.	Beet pulp and salt not detected. Found also small amount ground grain screenings.	9383
5.08	--------	8.76	--------	2 45			
5.01	5.00	7.41	12.00	2 50	Choice cottonseed meal, wheat bran, wheat middlings, cocoanut oil meal, corn gluten feed, corn gluten meal, old process linseed meal, dried beet pulp and ½ of 1% salt.	Found also small amount ground grain screenings.	8722
3.64	5.00	8.64	12.00	52 00	Choice cottonseed meal, wheat bran, wheat middlings, cocoanut oil meal, corn gluten feed, corn gluten meal, old process linseed meal, dried beet pulp and ½ of 1% salt.	As certified, ----------	8750
4.33	--------	8.02	--------	51 00			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	THE LARROWE MILLING CO., DETROIT, MICH.		%	%	%
8691	Larro, The Ready Ration for Dairy Cows.	H. O. Andrews & Sons, Mapleton Depot.	8.20	22.94	20.00
8579	Larro, The Ready Ration for Dairy Cows.	Christiana Grain & Supply Co., Christiana.	9.06	22.44	20.00
8891	Larro, The Ready Ration for Dairy Cows.	S. S. Detwieler, Quakertown.	8.87	21.38	20.00
9036	Larro, The Ready Ration for Dairy Cows.	Johnson & Smith, Wilkinsburg.	9.00	21.94	20.00
8741	Larro, The Ready Ration for Dairy Cows.	H. J. Klingler & Co., Butler.	9.04	20.75	20.00
8664	Larro, The Ready Ration for Dairy Cows.	Fred L. Lemont, Philadelphia.	8.93	21.31	20.00
9315	Larro, The Ready Ration for Dairy Cows.	Frank C. Lewis, Doylestown.	8.35	20.88	20.00
		Average, ----------	8.77	21.66	--------
9244	Larrowe's Big 6 Six Complete Dairy Feed.	Washington Milling Co., Washington.	9.30	23.63	21.00
	J. H. LAVERTY'S SONS, FRANKLIN, PA.				
9436	L-M Dairy Feed, ----------	J. H. Lavery's Sons, Franklin.	7.89	24.44	20.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 3.71	% 3.50	% 10.26	% 14.00	$ 2 50	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran and wheat middlings, dried beet pulp, ¾ of 1% salt. Bran & middlings may contain ground screenings not exceeding mill run.	As certified, ----------	8391
4.05	3.50	11.87	14.00	2 45	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran and wheat middlings, dried beet pulp, ¾ of 1% salt. Bran & middlings may contain ground screenings not exceeding mill run.	As certified, ----------	8579
3.91	3.50	12.64	14.00	2 50	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, ¾% salt.	As certified, ----------	8891
3.99	3.50	11.18	14.00	2 75	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, ¾ of 1% salt.	As certified, ----------	9036
3.90	3.50	12.66	14.00	2 40	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, ¾ of 1% salt.	As certified, ----------	8741
3.55	3.50	12.06	14.00	2 65	Cottonseed meal, corn gluten feed, old process linseed oil meal, wheat bran, wheat middlings, dried beet pulp and ¾ of 1% salt. Bran and middlings to contain ground screenings not exceeding mill run.	As certified, ----------	8664
4.27	3.50	11.29	14.00	2 45	Cottonseed meal, corn gluten feed, old process linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, ¾ of 1% salt.	As certified, ----------	9315
3.91	--------	11.70	--------	2 53			
5.60	4.00	7.14	12.00	2 40	Linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, wheat bran, wheat middlings and ¾ of 1% salt. Bran and middlings may contain ground screenings not exceeding mill run.	As certified, ----------	9244
5.69	4.00	9.61	10.00	2 45	Wheat bran, wheat middlings, cottonseed meal, oil meal, ground oats & gluten feed.	As certified, ----------	9436

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Found.
	McDONALD MILLING CO., McDONALD, PA.		%	%	%
9631	McDonald Feed,	McDonald Milling Co., McDonald.	10.25	21.44	23.00
	MARITIME TRADING CORPORATION, BUFFALO, N. Y.				
8430	Bull Brand Dairy Ration,	G. W. Branitz, Boiling Springs.	8.55	24.06	24.00
9470	Bull Brand Dairy Ration,	Farmers' & Consumers' Commercial Union Troy.	7.30	26.94	24.00
		Average,	7.92	25.50	--------
8429	Hi-Test Dairy Feed,	G. W. Branitz, Boiling Springs.	7.70	20.88	20.00
	C. P. MATTHEWS & SONS, INC., SCRANTON, PA.				
8801	Best Cow Feed,	C. P. Matthews & Sons, Inc., Wilkes-Barre.	10.00	19.56	15.00
	MINER-HILLARD MILLING CO., WILKES-BARRE, PA.				
8810	Mihimico Dairy Feed,	Miner-Hillard Milling Co., Wilkes-Barre.	8.22	19.94	17.00
	NOWAK MILLING CORPORATION. BUFFALO, N. Y.				
9068	Fidelity Dairy Feed,	DuBois Milling Co., DuBois.	8.76	22.25	20.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.00	% 6.00	% 6.39	% 6.00	$ 2 75	Corn feed meal, wheat bran, wheat middlings, cottonseed meal, oil meal, corn gluten feed.	As certified, ----------	9631
4.59	5.00	10.38	12.00	2 20	Dried brewers' grains, dried malt grains, old process oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut meal, wheat bran, wheat middlings, ground barley & salt ¾ of 1% . (Wheat bran and wheat middlings may contain ground screenings not exceeding mill run).	As certified, ----------	8430
6.11	6.00	9.68	12.00	2 25	Dried brewers' grains, dried malt grains, linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings and ¾ of 1% salt. (Wheat bran & wheat middlings may contain ground screenings not exceeding mill run).	Found also malt sprouts.	9470
5.37	--------	10.03	--------	2 23			
5.38	5.00	13.90	14.00	2 10	Cottonseed meal, wheat bran, cocoanut oil meal, corn gluten feed, ground oats, linseed oil meal, dried yeast grains, hominy feed, ¾ of 1% salt. (Wheat bran may contain mill run of ground screenings.)	As certified, ----------	8429
5.22	5.00	8.63	8.00	2 30	Gluten meal, corn meal, linseed oil meal and wheat middlings.	As certified, ----------	8801
6.12	5.00	8.88	9.00	2.40	Hominy feed, corn oil meal, buckwheat middlings, wheat middlings, wheat bran, cottonseed meal, brewers' grains, O. P. oil meal.	Found also small amount ground grain screenings.	8810
4.96	4.00	7.56	12.00	2 60	Cottonseed meal corn gluten feed, linseed oil meal, wheat bran, cocoanut oil meal, wheat middlings, roughage 10%, corn feed meal, ¾ of 1% salt, beet pulp.	As certified, ----------	9068

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	PARK & POLLARD CO., BUFFALO, N. Y.		%	%	%
9194	Stevens 44 Dairy Ration,	J. M. Brown & Co., N. S., Pittsburgh.	9.25	22.88	24.00
9264	Stevens 44 Dairy Ration,	Monaca Roller Mills, Monaca.	8.35	24.88	24.00
8454	Stevens 44 Dairy Ration,	W. & H. Rhoads, Norristown.	7.35	24.19	24.00
		Average,	8.31	23.98	
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
8370	Pillsbury Dairy Ration,	G. W. Brown, Williamsburg.	6.82	19.94	19.00
9548	Pillsbury Dairy Ration,	Griffith Ellis, Indiana,	8.20	20.75	20.00
8744	Pillsbury Dairy Ration,	H. J. Klingler & Co., Butler.	9.35	21.56	19.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.46	% 5.00	% 13.40	% 14.00	$ 2 50	Oil meal, cottonseed meal, wheat bran with mill run screenings, corn gluten feed, cocoanut oil meal, pea meal, brewers' dried grains, ground barley, wheat middlings, hominy meal, buckwheat grits, corn feed meal, salt, malt sprouts.	As certified, ----------	9194
6.14	5.00	8.92	14.00	2 60	Oil meal, cottonseed meal, wheat bran with mill run screenings, corn gluten feed, cocoanut oil meal, pea meal, brewers' dried grains, ground barley, wheat middlings, hominy meal, buckwheat grits, corn feed meal, salt, malt sprouts.	As certified, ----------	9264
5.73	5.00	10.92	14.00	2 35	Cottonseed meal, wheat bran with mill run of screenings, corn gluten feed, cocoanut oil meal, pea meal, brewers' dried grains, corn distillers' dried grains, calcium carbonate, sesame oil meal, corn meal, salt, old process linseed oil meal.	As certified, ----------	8454
5.44	--------	11.08	--------	2 48			
5.87	4.00	9.26	11.00	2 60	Ground oats, wheat bran, hominy feed, linseed meal, corn gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate and sodium chloride.	Found also small amount ground grain screenings.	8370
5.72	4.00	8.79	11.00	2 25	Ground oats, wheat bran, hominy feed, linseed meal, corn gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate and sodium chloride.	As certified, ----------	9548
5.21	4.00	9.98	11.00	2 30	Ground oats, wheat bran, hominy feed, linseed meal, corn gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate and sodium chloride.	As certified, ----------	8744

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9058	Pillsbury Dairy Ration,	Mitchell Milling Co., Clearfield.	7.80	20.94	20.00
		Average,	8.04	20.80	--------
	RIVERSIDE MILLS, OIL CITY, PA.				
9585	*Dairy Feed,	Riverside Mills, Oil City,	10.96	14.19	--------
	THE SHEETS ELEVATOR CO., CLEVELAND, OHIO.				
8550	Reliable Dairy Feed,	M. L. McClain & Co., Tyrone.	8.92	26.00	21.00
	SMITH-PARRY & CO., MILWAUKEE, WIS.				
8474	*Vitex Dairy Feed,	Lakeview Milling Co., Chambersburg.	7.93	24.19	24.00
	D. A. STICKELL & SONS, HAGERSTOWN, MD.				
8726	Blue Ridge Dairy Ration,	Columbia Milling Co., Columbia.	8.80	22.31	21.00
8727	Stickell's 25% Milk Ration,	Columbia Milling Co., Columbia.	8.66	27.94	25.00
	THOMAS-BOYCE DIRECT FEED CO., INC., ATTICA, N. Y.				
8677	Scattergood Dairy Feed,	Pomona N. 3 Exchange, West Chester.	9.65	25.00	24.00
8471	Scattergood Dairy Feed,	J. E. Sugort, Carlisle,	9.07	25.06	24.00
		Average,	9.36	25.03	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.03	% 4.00	% 9.74	% 11.00	$ 2 50	Ground oats, wheat bran, hominy feed, linseed meal, corn gluten feed, wheat standard middlings, cottonseed meal and mineral matter, calcium carbonate and sodium chloride.	Found also ground grain screenings.	9058
5.46	--------	9.44	--------	2 41			
4.53	--------	5.52	--------	1 90	Bran, corn meal, middlings, corn and oats chop.	As certified, ----------	9585
4.76	4.00	9.00	10.00	2 50	Wheat bran, wheat middlings, O. P. oil meal, brewers' grains, corn gluten feed, corn meal, malt sprouts, cottonseed meal, trace of salt.	Malt sprouts not detected.	8550
5.15	6.00	11.47	11.00	3 75	Distillers' dried grains, brewers' dried grains, corn gluten feed, hominy feed, linseed oil meal, cottonseed meal, wheat bran, corn oil meal, malt sprouts and salt.	As certified, ----------	8474
7.79	4.50	11.75	13.00	44 50	Brewers' grains, cottonseed meal, old process linseed oil meal, corn gluten feed, hominy feed, middlings, wheat bran, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), calcium carbonate, salt.	Found also malt sprouts.	8726
6.99	4.50	8.46	10.00	49 00	Choice cottonseed meal, old process linseed oil meal, corn gluten feed, ground oats, ground barley, hominy feed, wheat bran, wheat middlings, calcium carbonate, salt.	As certified, ----------	8727
5.40	5.00	8.03	10.00	2 40	Cottonseed meal, linseed oil meal, hominy feed, wheat bran, wheat middlings, gluten, calcium phosphate and salt.	Found also small amount ground grain screenings.	8677
4 68	5.00	8.74	10.00	2 30	Cottonseed meal, linseed oil meal, hominy feed, wheat bran, wheat middlings, gluten, calcium phosphate and salt.	As certified, ----------	8471
5:04	--------	8.38	--------	2 35			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE UBIKO MILLING CO., CINCINNATI, OHIO.		%	%	%
9387	Fourex Dairy Ration, ----------	P. Wagner & Son, New Castle.	8.15	22.13	20.00
8769	Sunbeam Dairy Ration, ----------	P. J. Oesterling & Son, Butler.	8.95	22.44	20.00
8446	Union Grains, Biles Ready Dairy Ration.	Joseph Burkholder, Hummelstown.	8.03	24.38	24.00
9135	Union Grains, Biles Ready Dairy Ration.	John B. Curry's Sons, Swatara.	8.18	25.44	24.00
9567	Union Grain Biles Ready Dairy Ration.	Dillsburg Grain & Milling Co., Dillsburg.	8.91	24.69	24.00
9412	Union Grains Biles Ready Dairy Ration.	Earley & Detweiler, Palmyra.	7.92	25.13	24.00
8721	Union Grains Biles Ready Dairy Ration.	H. A. Fishburn, Penbrook.	9.40	25.56	24.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.18	% 4.00	% 11.90	% 12.00	$ 2 35	Cottonseed meal, O. P. linseed meal, hominy meal, wheat bran and middlings, gluten feed, reground oat feed (oat hulls, oat shorts, oat middlings) and salt.	As certified, ----------	9387
4.86	3.00	8.60	12.00	2 40	Cottonseed meal, O. P. linseed meal, corn gluten feed, dried beet pulp, wheat bran, wheat middlings, hominy meal, salt.	As certified, ----------	8769
6.20	5.00	8.46	10.00	2 50	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers dried grains, one-half per cent. fine table salt.	Found also malt sprouts.	8446
5.39	5.00	7.33	10.00	2 50	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers dried grains, one-half per cent. fine table salt.	Corn distillers' dried grains not detected.	9135
5.59	5.00	7.91	10.00	2 65	Corn distillers' dried grains choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent. of fine table salt.	As certified, ----------	9567
5.41	5.00	8.43	10.00	2 50	Corn distillers' dried grains choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent. of fine table salt.	Corn distillers' grains not detected. Found also malt sprouts.	9412
6.29	5.00	7.78	10.00	2 50	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent. of fine table salt.	As certified, ----------	8721

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9173	Union Grains Biles Ready Dairy Ration.	C. Kellner & Son, N. S., Pittsburgh.	8.55	25.44	24.00
9044	Union Grains Biles Ready Dairy Ration.	R. S. McCague, Ltd., Pittsburgh.	8.78	24.60	24.00
8919	Union Grains Biles Ready Dairy Ration.	McFarland Supply Co., Greensburg.	8.30	25.75	24.00
		Average, ----------	8.50	25.14	--------
	FLOYD VANDERVORT, LACEYVILLE, PA.				
9027	Vandervort's Dairy Ration for Heavy Milk Production.	Floyd Vandervort, Laceyville.	9.88	24.06	23.00
	WALDO BROTHERS, WYSOX, PA.				
9002	Walbro Dairy Ration, ----------	Waldo Brothers, Wysox,	9.30	25.44	21.00
	WESTERN GRAIN PRODUCTS CO., HAMMOND, IND.				
9373	Calumet Dairy Feed, ----------	George Ifft & Sons, Evans City.	9.30	20.38	20.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.82	% 5.00	% 8.79	% 10.00	$ 2 80	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent. of fine table salt.	As certified, ----------	9173
5.51	5.00	8.83	10.00	2 75	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent. of fine table salt.	Corn distillers' grains not detected.	9044
5.40	5.00	7.55	10.00	2 40	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn germ meal, corn gluten feed, brewers' dried grains, one-half per cent. of fine table salt.	As certified, ----------	8919
5.70	--------	8.13	--------	2 58			
4.79	4.00	9.07	11.00	2 10	Corn meal, ground oats, wheat bran, wheat middlings, linseed oil meal, cottonseed meal, gluten feed and one-half of one per cent. salt.	As certified, ----------	9027
5.25	4.00	8.49	9.00	2 35	Corn gluten feed, cottonseed meal, beet pulp, corn meal, wheat bran and wheat midds with screenings not exceeding mill run and ½ of 1% salt.	As certified, ----------	9002
3.42	4.00	10.39	13.50	2 35	Cottonseed meal, old process linseed oil meal, barley malt sprouts, corn gluten feed, wheat bran with mill run screenings, ground corn, ground recleaned wheat screenings, ground oat meal mill by-products, alfalfa meal and salt.	Salt not detected, ---	9373

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	WOLGEMUTH & SON, FLORIN, PA.		%	%	%
8546	W. & S. Dairy Feed,	Wolgemuth & Son, Florin.	9.01	26.25	22.00
	PROPRIETARY DAIRY FEED WITH MOLASSES.				
	AMERICAN DEALERS TRADING CORPORATION, HUNTINGDON, PA.				
8860	Gumbo Dairy Feed,	J. E. Crisman, South Fork.	11.25	20.18	20.00
	AMERICAN MILLING COMPANY, PEORIA, ILL.				
9248	Sucrene Dairy Feed,	Farmers' Milling Corporation, Washington.	14.62	18.55	16.50
8685	Sucrene Dairy Feed,	Joseph Finney, Holland,	7.04	18.01	16.50
9177	Sucrene Dairy Feed,	I. B. Graybill, Refton,	11.05	17.69	16.50
9532	Sucrene Dairy Feed,	Robert Jamieson & Son, Fredonia.	12.01	18.10	16.50

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.80	% 3.50	% 9.85	% 12.00	$ 43 00	Cottonseed meal, O. P. oil meal, gluten feed, bran, dried beet pulp, middlings, alfalfa meal and salt.	As certified,	8546
5.31	4.00	9.42	12.00	2 30	Corn distillers' dried grains, prime cottonseed meal, linseed oil meal, prime peanut oil meal, cocoanut oil meal, corn gluten feed, wheat bran, (may contain mill run of screenings), corn feed meal, clipped oat by-product, molasses, calcium carbonate and salt.	Found also malt sprouts, brewers' dried grains and screenings oil cake meal.	8860
4.55	3.50	10.55	12.00	2 00	Prime cottonseed meal, corn distillers' dried grains, linseed oil meal, cocoanut oil meal, corn gluten feed, wheat bran, corn feed meal, ground and bolted grain screenings, clipped oat by-product, molasses, salt and calcium carbonate.	Linseed oil meal and cocoanut oil meal not detected. Found also palm kernel oil meal, malt sprouts and small amount small whole weed seeds.	9248
3.58	3.50	10.99	10.00	1 85	Prime cottonseed meal, corn distillers' dried grains, linseed oil meal, cocoanut oil meal, corn gluten feed, wheat bran, corn feed meal, ground and bolted grain screenings, clipped oat by-product, molasses, salt and calcium carbonate.	Corn distillers' grains not detected. Found also small amount small whole weed seeds.	8685
4.05	3.50	12.14	10.00	1 45	Prime cottonseed meal, corn distillers' dried grains, linseed oil meal, cocoanut oil meal, corn gluten feed, wheat bran, corn feed meal, ground and bolted grain screenings, clipped oat by-product, molasses, salt and calcium carbonate.	Corn gluten feed, linseed oil meal and salt not detected. Found also small amount small whole weed seeds.	9177
6.45	3.50	10 29	12.00	1 60	Prime cottonseed meal, corn distillers' dried grains, linseed oil meal, cocoanut oil meal, corn gluten feed, wheat bran, corn feed meal, ground and bolted grain screenings, clipped oat by-product, molasses, salt and calcium carbonate.	Corn distillers' grains and salt not detected. Found also brewers' dried grains.	9532

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
8630	Sucrene Dairy Feed,	Woodward & Co., Upper Darby.	9.33	16.25	16.50
		Average,	10.81	17.72	--------
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
9341	Arcady Dairy Feed,	Braddock Feed & Supply Co., Braddock.	11.40	18.47	16.00
9051	Arcady Dairy Feed,	C. J. Cleland, E. E., Pittsburgh.	12.39	16.49	16.00
8828	Arcady Dairy Feed,	Johnstown Milling Co., Johnstown.	7.95	18.50	16.00
8597	Arcady Dairy Feed,	Nickel Plate Flour Mills, Erie.	14.43	16.61	16.00
		Average,	11.54	17.52	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.04	3.50	10.26	12.00	2 00	Prime cottonseed meal, corn distillers' dried grains, linseed oil meal, cocoanut oil meal, corn gluten feed, wheat bran, corn feed meal, ground and bolted grain screenings, clipped oat by-product, molasses, salt and calcium carbonate.	Found also brewers' dried grains, malt sprouts and small amount small whole weed seeds.	8630
4.53	--------	10.84	--------	1 78			
5.08	3.50	11.46	13.50	1 75	Wheat bran with ground screenings not exceeding mill run, O. P. linseed oil meal, corn gluten feed, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses and ½ of 1% salt.	Salt not detected, ----	9341
5.16	3.50	12.40	12.00	1 90	Wheat bran with ground screenings not exceeding mill run, O. P. linseed oil meal, corn gluten feed, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses and ½ of 1% salt.	Found also small amount small whole weed seeds.	9051
5.48	3.50	12.26	12.00	2 00	Wheat bran with ground screenings not exceeding mill run, O. P. linseed oil meal, corn gluten feed, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses and ½ of 1% salt.	Found also small amount small whole weed seeds.	8828
4.54	3.50	10.94	12.00	1 60	Wheat bran with ground screenings not exceeding mill run, O. P. linseed oil meal, corn gluten feed, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses and ½ of 1% salt.	Found also small amount small whole weed seeds.	8597
5.07	--------	11.76	--------	1 81			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8693	Arco Milk Ration,	Beckerstaff & Todd, Woodlawn.	11.47	21.85	20.00
8820	Milkers Ready Ration,	G. Bostert & Sons, Johnstown.	11.09	22.63	22.00
8852	Milkers Ready Ration,	Cupp Grocery Co., Somerset.	12.75	21.44	22.00
9069	Milkers Ready Ration,	DuBois Milling Co., DuBois.	12.72	21.86	22.00
8929	Milkers Ready Ration,	Punxsutawney Mills, Punxsutawney.	11.98	23.81	22.00
		Average,	12.13	22.44	

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's Number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.12	4.00	9.40	12.00	2 25	Old process linseed oil meal, cottonseed meal, wheat bran, wheat middlings, corn oil cake meal, corn gluten feed, cleaned ground and bolted grain screenings, clipped oat by-products, molasses and salt.	Corn oil cake meal not detected. Found also small amount small whole weed seeds.	8693
5.36	4.00	9.06	11.00	2 25	Corn gluten feed, wheat middlings and wheat bran with ground screenings not exceeding mill run, O. P. linseed oil meal, corn oil cake meal, corn feed meal, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses, ½ of 1% salt.	Found also small amount small whole weed seeds.	8820
4.97	4.00	7.99	10.00	2 40	Corn gluten feed, wheat middlings and wheat bran with ground screenings not exceeding mill run, O. P. linseed oil meal, corn oil cake meal, corn feed meal, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses, ½ of 1% salt.	Salt not detected. Found also small amount small whole weed seeds.	8852
5.16	4.00	8.58	11.00	2 60	Corn gluten feed, wheat middlings and wheat bran with ground screenings not exceeding mill run, O. P. linseed oil meal, corn oil cake meal, corn feed meal, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses, ½ of 1% salt.	Salt not detected, ----	9069
5.14	4.00	8 68	11.00	2 40	Corn gluten feed, wheat middlings and wheat bran with ground screenings not exceeding mill run, O. P. linseed oil meal, corn oil cake meal, corn feed meal, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses, ½ of 1% salt.	As certified, ----------	8929
5.16	--------	8.57	--------	2 41			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
8827	Riverdale Dairy Rations,	Johnstown Milling Co., Johnstown.	9.75	24.06	24.00
	BLANK & GOTTSHALL CO., INC., SUNBURY, PA.				
9119	B. & G. Dairy Food,	Blank & Gottshall Co., Inc., Sunbury.	9.12	20.63	20.00
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
9319	Clover Leaf Mills Dairy Feed,	Frank C. Lewis, Doylestown.	10.51	19.09	16.00
8470	Master Grain Ration,	William B. Branitz, Carlisle.	11.04	23.94	24.00
8500	Master Grain Ration,	Duncannon Flouring Mills Co., Duncannon.	10.61	23.37	24.00
8712	Master Grain Ration,	The Goldsboro Pure Feed Co., Etters.	11.37	23.11	24.00
		Average,	11.00	23.47	-------
	THE CORNO MILLS CO., ST. LOUIS, MO.				
9357	Corno Sweet Dairy Feed,	A. W. Garvin, N. S., Pittsburgh.	10.96	24.48	24.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.89	% 5.00	% 7.38	% 10.00	$ 2 65	Cottonseed meal, wheat bran and wheat middlings with ground screenings not exceeding mill run, O. P. linseed oil meal, corn feed meal, corn oil cake meal, corn gluten feed, dried grains from malt, barley, corn, ½ of 1% salt, molasses.	As certified, ----------	8827
4.08	5.00	9.91	10.00	2.10	Corn bran, wheat bran, dried brewers' grains, buckwheat middlings, gluten feed, alfalfa, molasses, linseed meal, cottonseed feed and ½ of 1% salt.	Found also malt sprouts, beet pulp, crushed oats and small amount ground grain screenings.	9119
4.22	4.00	10.54	12.00	1 60	Cottonseed meal, pure O. P. linseed meal, corn gluten feed, cocoanut oil meal, cleaned ground and bolted grain screenings, ground and bolted clipped oat by-product, molasses and ½ of 1% fine table salt.	Found also small amount small whole weed seeds.	9319
5.23	5.00	8.24	10.00	2 30	Cottonseed meal, corn gluten feed, linseed meal, old process, cocoanut oil meal, old process, wheat bran, wheat middlings, dried grains from barley malt and corn, molasses and ½ of 1% fine table salt.	Found also small amount ground grain screenings.	8470
5.12	5.00	8.58	10.00	2 45	Cottonseed meal, corn gluten feed, linseed meal, old process, cocoanut oil meal, old process, wheat bran, wheat middlings, dried grains from barley malt and corn, molasses and ½ of 1% fine table salt.	As certified, ----------	8500
4.79	5.00	7.86	10.00	2 50	Cottonseed meal, corn gluten feed, linseed meal, old process, cocoanut oil meal, old process, wheat bran, wheat middlings, dried grains from barley malt and corn, molasses and ½ of 1% fine table salt.	As certified, ----------	8712
5.05	--------	8.22	--------	2.42			
4.50	4.00	9.22	12.00	2 50	Wheat bran, cottonseed meal, linseed meal, gluten feed, alfalfa meal, molasses, hominy feed and 1% salt.	Salt not detected, ----	9357

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	DIXIE MILLS COMPANY, EAST ST. LOUIS, ILL.		%	%	%
9289	Dixie Cow Feed,	A. C. Godshall & Co., Inc., Lansdale.	11.56	25.05	24.00
8637	Dixie Cow Feed,	Kane Wholesale Co., Kane.	12.07	24.96	24.00
		Average,	11.81	25.01	--------
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
9571	Eshelman's 15 Dairy Feed,	The Cook Grain, Feed & Supply Co., Dillsburg.	10.58	20.26	15.00
8543	Eshelman's 15 Dairy Feed,	Wolgemuth & Son, Florin.	12.21	18.95	15.00
		Average,	11.39	19.61	--------
8541	Eshelman's 16½ Dairy Feed,	S. C. Brinser's Sons, Middletown.	12.12	18.27	16.50
9572	Eshelman's 16½ Dairy Feed,	The Cook Grain, Feed & Supply Co., Dillsburg.	11.27	16.42	16.50
		Average,	11.69	17.35	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.38	4.50	8.74	13.50	--------	Cottonseed meal, molasses, corn gluten feed, ground alfalfa, hominy feed, old process linseed oil meal and 1% salt.	As certified, ----------	9288
5.15	4.50	10.29	13.50	2 50	Cottonseed meal, brewers' dried grains, molasses, ground alfalfa, 1% salt, corn gluten feed.	Brewers' dried grains not detected. Found also unscreened flaxseed oil feed, corn oil cake meal, corn feed meal, hominy feed, ground Kaffir corn and ground grain screenings.	8637
4.77	--------	9.51	--------	2 50			
5.06	3.00	8.16	10.00	1 75	Cocoanut oil meal, cane molasses, corn gluten feed, cottonseed meal, old process linseed meal, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), reground grain screenings and ½ of 1% salt.	Linseed and cocoanut oil meals not detected. Found also small amount small whole weed seeds.	9571
4.53	4.00	6.98	10.00	33 00	Cottonseed- meal,- old process linseed and rapeseed meal, cane molasses, oatmeal mill by-products, reground grain screenings and ½ of 1% salt.	Linseed oil meal and rapeseed meal not detected. Found instead mustard oil cake meal as an adulterant.	8543
4.80	--------	7 57	--------	34 00			
3.75	3.50	7.73	10.00	1 70	Cottonseed meal, old process linseed and rapeseed meal, cane molasses, wheat bran, cocoanut oil meal, wheat middlings, corn gluten feed, oat meal mill by-product, reground grain screenings, alfalfa meal and ½ of 1% salt.	Linseed oil meal and rapeseed meal not detected. Found instead mustard oil cake meal as an adulterant.	8541
4.54	3.50	8.78	10.00	1 95	Cottonseed meal, cane molasses, wheat bran, cocoanut oil meal, wheat middlings, corn gluten feed, old process linseed meal, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), reground grain screenings, alfalfa meal, ½ of 1% salt.	Cocoanut oil meal not detected. Found also screenings oil feed meal and trace small whole weed seeds.	9572
4.15	--------	8.25	--------	1 83			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8580	Eshelman's 20 Dairy Feed, --------	Christiana Grain & Supply Co., Christiana.	9.50	23.31	20.00
9568	Eshelman's 20 Dairy Feed, --------	Dillsburg Grain & Milling Co., Dillsburg.	9.56	23.16	20.00
9122	Eshelman's 20 Dairy Feed, --------	Paxton Flour & Feed Co., Progress.	12.34	22.76	20.00
8487	Eshelman's 20 Dairy Feed, --------	Woodward & Co., Philadelphia.	8.71	22.06	20.00
		Average, ----------	10.02	22.82	--------
	H-O CEREAL COMPANY, INC., BUFFALO, N. Y.				
9583	H-O Read The Tag Dairy Feed, ---	Clyde D. Duffee, Oil City.	11.25	21.98	20.00
	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN				
8374	Climax Dairy Feed, ----------	Charles E. Hoover, Marklesburg.	10.56	12.89	12.50
8736	International Minnesota Dairy Feed,	Thompson & Glenn, Butler.	12.43	13.81	10.50
9633	International Ready Ration Dairy Feed.	Amon Hardware Co., McDonald.	10.93	18.56	20.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.04	4.00	7.61	12.00	42 00	Cottonseed meal, wheat bran, old process linseed and rapeseed meal, cane molasses, wheat middlings, cocoanut oil meal, corn gluten meal, corn gluten feed, reground grain screenings, alfalfa meal and ½ of 1% salt.	Old process linseed and rapeseed meal not detected. Found instead mustard oil cake meal as an adulterant.	8580
4.40	4.00	7.94	12.00	2 20	Wheat bran, cottonseed meal, corn gluten feed peanut oil meal, cane molasses, soybean meal, corn gluten meal, wheat middlings, old process oil meal, reground grain screenings, alfalfa meal and ½ of 1% salt.	Oil meal identified as linseed oil meal. Found also trace of small whole weed seeds.	9568
3.57	4.00	8.58	12.00	2 10	Cottonseed meal, wheat bran, cane molasses, wheat middlings, cocoanut oil meal, corn gluten feed, corn gluten meal, old process linseed meal, reground grain screenings, alfalfa meal, ½ of 1% salt.	As certified, ----------	9122
4.54	4.00	7.15	12.00	2 25	Cottonseed meal, wheat bran, old process linseed and rapeseed meal, cane molasses, wheat middlings, cocoanut oil meal, corn gluten meal, corn gluten feed, reground grain screenings, alfalfa meal and ½ of 1% salt.	Linseed oil meal and rapeseed meal not detected. Found instead mustard oil cake meal as an adulterant.	8487
4.14	--------	7.82	--------	43 25			
4.66	5.00	8.52	9.50	2 85	Cottonseed meal, corn gluten feed, linseed oil meal, corn meal, hominy feed, ground barley, wheat midds (with mill run screenings), molasses, salt ¾ of 1%, oat hulls and oat shorts not over 225 lbs. per ton.	As certified, ----------	9583
5.47	4.00	11.88	13.50	1 75	Cottonseed meal, molasses, ground clipped oat by-product, cleaned ground grain screenings and salt.	Largely ground grain screenings and oat hulls. Found also small amount small whole weed seeds.	8374
6.35	4.00	11.65	15.00	1 50	Ground cleaned grain screenings, molasses and salt.	Found also small amount small whole weed seeds.	8736
6.37	5.00	10.04	11.00	2 30	O. P. oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Largely ground grain screenings and oat hulls. Found also small amount small whole weed seeds.	9633

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8591	International Ready Ration Dairy Feed.	Erie Milling & Supply Co., Erie.	12.99	20.26	20.00
		Average,	11.96	19.41	--------
8779	International Special Dairy Feed,	H. F. Gelbach, Evans City.	13.84	15.25	15.00
9484	International Special Dairy Feed,	H. Rockwell & Son, Canton.	11.14	16.28	16.00
8461	International Special Dairy Feed,	Simpson Brothers, Norristown.	8.34	16.06	15.00
		Average,	11.10	15.86	--------
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
8577	Badger 16½ Sweet Dairy Feed,	A. L. Herr & Brothers, Quarryville.	11.78	18.70	16.50
9010	*Bingo Dairy Feed,	Farmers' Cooperative Co., Inc., Wysox.	9.39	14.75	12.00
	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA.				
8585	Conestoga Dairy Feed,	Joseph Walker & Sons Co., Gap.	14.16	17.18	16.50
9207	Conestoga Dairy Feed,	Walton Brothers, Philadelphia.	14.20	19.05	16.50

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.27	5.00	10.48	11.50	1 90	O. P. oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Found also small amount small whole weed seeds.	8591
5.82	--------	10.26	--------	2 10			
4.47	4.00	10.33	12.00	1 65	O. P. oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Found also small amount whole weed seeds.	8779
6.27	4.50	11.77	12.00	1 65	O. P. oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Largely ground grain screenings and oat hulls. Found also small amount small whole weed seeds.	9484
4.74	4.50	12.52	12.00	1 80	O. P. oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground clipped oat by-product, ground cleaned grain screenings, salt.	Largely ground grain screenings and oat hulls. Found also small amount small whole weed seeds.	8461
5.16	--------	11.54	--------	1 70			
4.16	3.50	11.96	18.00	34 00	Cotttonseed meal, malt sprouts, ground and bolted screenings from wheat, molasses, flax plant by-product, oat meal mill by-product, (oat middlings, oat shorts and oat hulls), alfalfa meal and salt.	Flax plant refuse not detected.	8577
4.04	3.00	14.16	15.00	1 45	Molasses, malt sprouts, whole ground wheat screenings, oat mill by-products and salt.	Malt sprouts and salt not detected.	9010
3 44	3.50	9.02	10.00	34 00	Cottonseed meal, old process linseed and rapeseed meal, cane molasses, wheat bran, cocoanut oil meal, wheat middlings, corn gluten feed, oatmeal mill by-products, reground grain screenings, alfalfa meal and ½ of 1% salt.	Old process linseed and rapeseed meal not detected. Found instead mustard oil cake meal as an adulterant.	8585
3.76	3.50	10.02	10.00	33 00	Cottonseed meal, cane molasses, wheat bran, cocoanut oil meal, wheat middlings, corn gluten feed, old process linseed meal, oatmeal mill by-product, (oat middlings, oat hulls, oat shorts), reground grain screenings, alfalfa meal, ½ of 1% salt.	Salt not detected, ---	9207

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
8542	Conestoga Dairy Feed,	Wolgemuth & Son, Florin.	10.92	19.08	16.50
		Average,	13.09	18.44	--------
8748	Lancaster Dairy Feed,	Great Valley Mills, Inc., Paoli.	12.36	22.95	20.00
8749	Red Rose Dairy Feed,	Great Valley Mills, Inc., Paoli.	10.38	27.06	24.00
9206	Red Rose Dairy Feed,	Walton Brothers, Philadelphia.	11.39	25.84	24.00
8544	Red Rose Dairy Feed,	Wolgemuth & Son, Florin.	9.86	25.27	24.00
		Average,	10.54	26.06	--------
	POLO MILLS CO., EAST ST. LOUIS, ILL.				
8699	Diamond Dairy Feed,	Woodlawn Flour & Feed Co., Woodla[illegible]	12.89	19.02	16.50

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.60	% 3.50	% 9.70	% 10.00	$ 34 00	Cottonseed meal, old process linseed and rapeseed meal, wheat bran, wheat middlings, cocoanut oil meal, corn gluten feed, oatmeal mill by-products, reground grain screenings, molasses, alfalfa meal and ½ of 1% salt.	Linseed oil meal and rapeseed meal not detected. Found instead mustard oil cake meal as an adulterant and also beet pulp.	8542
3.93	--------	9.58	--------	33 67			
3.08	4.00	8.68	12.00	44 00	Cottonseed meal, wheat bran, cane molasses, wheat middlings, cocoanut oil meal, corn gluten feed, corn gluten meal, old process linseed meal, reground grain screenings, alfalfa meal, ½ of 1% salt.	As certified, ----------	8748
3.22	5.00	8.39	12.00	51 00	Choice cottonseed meal, wheat bran, wheat middlings, cocoanut oil meal, corn gluten feed, corn gluten meal, old process linseed meal, cane molasses, alfalfa meal and ½ of 1% salt.	As certified, ----------	8749
4.05	5.00	7.78	12.00	45 00	Choice cottonseed meal, wheat bran, wheat middlings, cocoanut oil meal, corn gluten feed, corn gluten meal, old process linseed meal, cane molasses, alfalfa meal and ½ of 1% salt.	Salt not detected, ---	9206
4.63	5.00	8.86	12.00	46 00	Choice cottonseed meal, wheat bran, wheat middlings, cocoanut oil meal, corn gluten feed, corn gluten meal, old process linseed meal, cane molasses, alfalfa meal and ½ of 1% salt.	Linseed oil meal not detected. Found also mustard oil cake meal as an adulterant and small amount ground grain screenings.	8544
3.97	--------	8.34	--------	47 33			
6.02	3.50	11.22	17.00	2 00	Cottonseed meal, clipped oat by-product, molasses, ground flaxseed screenings.	Clipped oat by-product not detected. Found also oat meal mill by-product and small amount small whole weed seeds.	8699

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE QUAKER OATS CO., CHICAGO, ILL.		%	%	%
9269	Big "Q" Dairy Ration,	Bechtel Co., Monaea,	10.86	23.08	21.00
8777	Big "Q" Dairy Ration,	Friedman & Alper, Slippery Rock.	9.30	23.50	21.00
9363	Big "Q" Dairy Ration,	King Feed Co., Williamsport.	10.82	22.27	21.00
		Average,	10.32	22.95	
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
8571	Protena Dairy Feed,	S. Book & Brother, Quarryville.	12.39	17.74	16.00
8432	Protena Dairy Feed,	E. Striekler's Sons, Lebanon.	13.02	19.25	16.00
		Average,	12.70	18.50	
8930	Purina Cow Chow Feed,	Creseent Flour & Feed Co., Punxsutawney.	11.82	24.79	24.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.67	4.50	9.10	12.00	2 50	Hominy feed, yellow hominy feed, cottonseed meal, corn distillers' grains, corn gluten feed, O. P. linseed oil meal, wheat bran and wheat middlings (with ground screenings (wheat) not exceeding mill run), molasses, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), 1% calcium phosphate, 1% salt.	Distillers' grains and salt not detected. Found also small amount whole wheat.	9260
4.92	4.50	11.00	12.00	2 60	Hominy feed, yellow hominy feed, cottonseed meal, corn distillers' grains, corn gluten feed, O. P. linseed oil meal, wheat bran and wheat middlings (with ground screenings (wheat) not exceeding mill run), molasses, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), 1% calcium phosphate, 1% salt.	Corn distillers' grains not detected. Found also brewers' dried grains.	8777
4.58	4.50	9.76	12.00	2 40	Hominy feed, yellow hominy feed, cottonseed meal, corn distillers' grains, corn gluten feed, O. P. linseed oil meal, wheat bran and wheat middlings (with ground screenings (wheat) not exceeding mill run), molasses, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), 1% calcium phosphate, 1% salt.	Distillers' dried grains and salt not detected. Found also brewers' dried grains.	9363
4.72	--------	9.95	--------	2 50			
3.97	3.00	10.96	10.00	1 75	Cottonseed meal, clipped oat by-product, ground wheat screenings, molasses and 1% salt.	As certified, ----------	8571
4.66	3.00	8.26	10.00	1.70	Cottonseed meal, clipped oats by-product, ground wheat screenings, gluten feed from corn, molasses and 1% salt.	Found also small amount unground screenings and small amount small whole weed seeds.	8432
4.32	--------	9.61	--------	1 73			
5.43	4.30	9.48	12.00	3 00	Linseed oil meal, O. P. gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	As certified, ----------	8930

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8944	Purina Cow Chow Feed, ----------	Fay Milling Co., Hollidaysburg.	8.65	25.63	24 00
9351	Purina Cow Chow Feed, ----------	Knabe Brothers, Turtle Creek.	10.22	24.21	24.00
8784	Purina Cow Chow Feed, ----------	Parker Milling Co., Parkers Landing.	9.55	26.33	24.00
9602	Purina Cow Chow Feed, ----------	Charles O. Salberg, Ridgway.	10.25	23.98	24.00
9365	Purina Cow Chow Feed, ----------	S. G. Updegraff & Son, Williamsport.	9.50	24.90	24.00
		Average, ----------	9.99	24.97	--------
	ROSENBAUM BROTHERS, CHICAGO, ILL.				
8913	Advance Dairy Feed, ----------	Hockey & McCurdy, Connellsville.	13.53	17.36	16.00
8912	Will Pay Dairy Ration, ----------	Hockey & McCurdy, Connellsville.	11.23	22.03	20.00
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
9020	Red Brand Ti-O-Ga Dairy Feed, ----	H. O. Ayer, Ulster, ----	8.50	25.75	23.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.11	% 4.50	% 10.66	% 12.00	$ 2 75	Linseed oil meal, O. P. gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	Found also screenings oil cake feed.	8944
4.91	4.30	10.51	12.00	3 00	Linseed oil meal, O. P. gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	As certified, ----------	9351
4.43	4.30	11.38	12.00	2 75	Linseed oil meal, O. P. gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	As certified, ----------	8784
5.18	4.30	7.48	12.00	2 90	Linseed oil meal, O. P. gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	Salt not detected, ---	9602
4.66	4.30	10.52	12.00	50 00	Linseed oil meal, O. P. gluten feed from corn, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, 1% salt.	As certified, ----------	9365
4.95	--------	10.00	--------	56 33			
3.47	3.50	9.02	14.00	2 00	Cottonseed meal, linseed oil meal, O. P. alfalfa meal, oat meal mill by-product, (oat hulls, oat shorts), molasses, wheat bran, ground grain screenings, salt, calcium carbonate.	Salt not detected. Found also screenings oil cake meal.	8913
4.23	4.00	8.36	11.00	2 40	Linseed oil meal O. P. cottonseed meal, corn gluten feed, corn feed meal, wheat bran, wheat middlings, ground oats, ground barley, molasses, 1% salt, calcium carbonate.	Found also small amount ground grain screenings.	8912
5.46	3.50	9.06	10.00	2 30	Wheat middlings, wheat bran, brewers' grains, corn gluten feed, cottonseed meal, cocoanut oil meal, peanut oil meal, cane molasses, corn distillers' grains, 1% salt.	As certified, ----------	9020

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8621	Red Brand Ti-O-Ga Dairy Feed, ----	Newtown Feed & Grain Co., Newtown.	9.95	26.73	23.00
		Average, ----------	9.22	26.24	--------
9019	White Brand Ti-O-Ga Dairy Feed, --	H. O. Ayer, Ulster, ----	10.65	19.44	17.00
	GEORGE WALTER & SONS, BUTLER, PA.				
8733	*Walters' Byrite Dairy Feed, ------	George Walter & Sons, Butler.	9.80	22.17	20.00
	WESTERN GRAIN PRODUCTS CO. HAMMOND, IND.				
9372	Hammond Dairy Feed, ----------	George Ifft & Sons, Evans City.	11.07	16.58	16.50
9167	Hammond Dairy Feed, ----------	The Oakdale Feed Mills, Oakdale.	12.19	17.14	16.50
8598	Hammond Dairy Feed, ----------	W. D. Ripley, Wesleyville,	14.51	17.18	16.50
		Average, ----------	12.59	10.30	--------
	WOOSTER GRAIN & SEED CO., WOOSTER, OHIO.				
9538	Gold Star Dairy Feed, ----------	Linesville Milling Co., Linesville.	11.39	21.05	22.00
9160	Gold Star Dairy Feed, ----------	Morrow & Buxton, Valencia,	12.04	23.83	22.00
		Average, ----------	11.71	22.44	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat. Found.	Fat. Guaranteed.	Fiber. Found.	Fiber. Guaranteed.	Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
% 5.53	% 3.50	% 8.48	% 10.00	$ 2 35	Wheat middlings, wheat bran, brewers' grains, corn gluten feed, cottonseed meal, cocoanut oil meal, corn distillers' grains, linseed oil meal, cane molasses, 1% salt.	As certified, ----------	8621
5.50	--------	8.77	--------	2 33			
4.51	4.00	6.81	12.00	2 20	Cottonseed meal, corn feed meal, corn meal or hominy, wheat middlings, corn gluten feed, linseed oil meal, wheat bran, cane molasses, salt.	Corn meal present. Salt not detected. Found also screenings oil cake meal.	9019
5.49	5.00	10.25	11.00	1 90	O. P. oil meal, cottonseed meal, corn gluten feed, wheat bran molasses, ground, clipped oat by-product, salt, ground, cleaned grain screenings.	Found also small amount small whole weed seeds.	8733
4.24	4.00	11.19	11.00	1 85	Cottonseed meal, corn gluten feed, old process linseed oil meal, barley malt sprouts, ground clipped oat by-product, ground grain screening, molasses & salt.	Linseed oil meal not detected. Found also small amount small whole weed seeds.	9372
4.56	4.00	10.77	11.00	--------	Cottonseed meal, corn gluten feed, old process linseed oil meal, barley malt sprouts, ground clipped oat by-product, ground grain screening, molasses & salt.	Linseed oil meal not detected. Found also small amount whole weed seeds.	9167
3.95	4.00	10.87	11.00	1 60	Cottonseed meal, brewers' dried grains, ground clipped oat by-product, ground grain screenings, molasses & salt.	Found also malt sprouts and small amount small whole weed seeds.	8598
4.25	--------	10.94	--------	1 73			
5.01	4.00	8.36	12.00	2 30	Malt sprouts, bran, alfalfa meal, middlings, dried brewers' grains, oil meal, distillers' dried grains, corn, gluten, corn feed meal, rice bran, cocoanut oil meal, bone flour, cottonseed meal, salt & molasses.	Distillers' grains, rice bran, cocoanut oil meal and salt not detected.	9538
3.91	4.00	7.22	12.00	2 35	Cocoanut oil meal, bran, middlings, alfalfa meal, corn gluten, brewers' dried grains, bone flour, melt sprouts, distillers' dried grains, corn feed meal, cottonseed meal, oil meal, salt and molasses.	As certified, ----------	9180
4.46	--------	7.79	--------	2 33			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	PROPRIETARY STOCK, HORSE AND MULE FEED.				
	THE AKRON FEED & MILLING CO., AKRON, OHIO.		%	%	%
8833	Portage Stock Feed,	J. H. Hershberger & Son, Johnstown.	9.82	7.94	9.00
9427	Portage Stock Feed,	J. M. Hoagland & Co., Sharon.	8.30	8.56	9.00
8916	Portage Stock Feed,	McFarland Supply Co., Greensburg.	9.48	9.25	9.00
8847	Portage Stock Feed,	Valley Mills, Johnstown,	9.90	8.81	8.00
8696	Portage Stock Feed,	Woodlawn Flour & Feed Co., Woodlawn.	10.00	8.50	8.5–10
		Average,	9.50	8.61	--------
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
8818	Silver King Stock Feed,	G. Bostert & Sons, Johnstown.	9.34	9.44	9.00
	ARMOUR GRAIN COMPANY, BUFFALO, N. Y.				
8612	Armour Stock Feed,	Otto Brothers, North East,	8.13	14.25	12.00
	J. J. BADENOCH CO., CHOCAGO, ILL.				
8561	Badenoch's Stock Feed,	E. M Ru'ter & Co., New Holland.	8.69	10.50	8.00
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
8380	Clover Leaf Stock Feed,	A. G. Smith, Mt. Union,	7.72	9.38	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
2.94	4.00	12.05	9.00	1 65	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings and ½ of 1% salt.	Yellow corn present, --	8833
2.64	4.00	11.24	9.00	1 60	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt.	Barley not detected. Yellow corn present.	9427
2.75	4.00	10.11	9.00	1 60	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt.	Barley not detected. Both white and yellow corn present.	8916
3.13	4.00	11.91	9.00	2 00	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt.	As certified, ---------	8847
3.11	4.00	11.47	10.00	1 75	Either white or yellow shelled corn, barley, oat shorts, oat middlings, oat hulls, wheat middlings, ½ of 1% salt.	Barley not detected. Both white and yellow corn present.	8696
2.91	--------	11.35	--------	1.72			
3.64	3.50	11.40	10.00	1 90	Oat meal mill by-product, (oat middlings, oat hulls, oat shorts), corn feed meal or hominy feed, wheat middlings with ground screenings not exceeding mill run, ½ of 1% salt.	Both hominy feed and corn feed meal present. Found also cottonseed meal.	8818
4.30	4.00	12.45	12.00	1 40	Ground corn, hominy feed, wheat middlings, ground barley, oat meal mill by-products, (oat shorts, oat middlings, oat hulls), cottonseed meal, ½ of 1% salt.	As certified, ---------	8612
3.67	3.00	11.09	12.00	29 00	Hominy feed, corn feed meal, oat middlings, oat shorts, oat hulls, standard middlings, ground barley, ground oats, ground milo and salt.	Barley not detected, --	8561
4.59	3.50	12.13	15.00	2 00	Hominy feed, corn feed meal, wheat midds, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% fine salt.	As certified, ---------	8380

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE ALBERT DICKINSON CO., CHICAGO, ILL.		%	%	%
8967	Dickinson's Hobby Horse Feed,	King Brothers, Uniontown.	13.92	10.41	9.00
8854	Stag Stock Feed,	Eureka Store, Windber,	10.47	11.31	10.00
9622	Stag Stock Feed,	Thomas Hannon, S. S. Pittsburgh.	9.60	11.50	10.00
8921	Stag Stock Feed,	Mahoning Valley Milling Co., Punxsutawney.	9.57	11.63	10.00
9344	Stag Stock Feed,	The Irvin Muir Co., Braddock.	9.15	11.44	10.00
8964	Stag Stock Feed,	F. E. Painter, Mt. Pleasant.	10.42	10.88	10.00
9590	Stag Stock Feed,	Titusville City Mills, Titusville.	9.46	10.69	10.00
		Average,	9.77	11.24	--------
9156	White Cross Horse Feed,	R. J. Ramaley, Juniata,	8.80	11.88	10.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
8723	Eshelman's Stock Feed,	H. A. Fishburn, Penbrook.	11.65	10.44	10.00
9121	Eshelman's Stock Feed,	Paxton Flour and Feed Co., Progress.	10.20	11.19	10.00
		Average,	10.92	10.82	--------
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
9084	Grandin's Stock Food,	J. C. Harrington Co., Montrose.	8.56	9.38	9.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
1.84	1.50	10.42	15.00	2 00	Corn, oats, alfalfa meal.	As certified, ----------	8967
4.43	5.00	11.27	9.00	2 00	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% salt.	As certified, ----------	8854
4.73	3.00	9.52	9.00	2 20	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% salt.	As certified, ----------	9622
4.20	3.00	10.37	9.00	1 65	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% salt.	As certified, ----------	8921
4 01	3.00	11.09	9.00	1 85	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% salt.	As certified, ----------	9344
4.25	3.00	11.20	9.00	1 75	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% salt.	As certified, ----------	8964
4.17	3.00	11.66	9.00	1 60	Corn feed meal, wheat middlings, cottonseed meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% salt.	As certified, ----------	9596
4.30	--------	10.85	--------	1 84			
4.46	2.50	6.58	8.00	2 25	Ground oats and cracked corn.	As certified, ----------	9156
3.65	3.00	7.19	10.00	1 65	Corn feed meal wheat middlings, hominy feed, oat meal mill by-products, ground oats.	As certified, ----------	8723
3 89	3.00	6.74	10.00	1 65	Corn feed meal, wheat middlings, hominy feed, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ground barley and ground oats.	As certified, ----------	9121
3.77	--------	6.96	--------	1 65			
5.24	5.00	10.24	12.00	1 75	Corn meal, corn feed meal, hominy feed, wheat middlings, ground barley, oat meal mill by-products (oat middlings, oat hulls, oat shorts) and ½ of 1% salt. (Wheat middlings may contain ground screenings not exceeding mill run).	Barley not detected, --	9084

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	ILLINOIS FEED & ELEVATOR COMPANY, BLOOMINGTON, ILL.		%	%	%
8972	Homestead Stock Feed,	L. L. Clark, Uniontown,	10.22	8.31	9.00
9257	Homestead Stock Feed,	J. K. Lawson, Washington.	10.95	8.81	9.00
8909	Homestead Stock Feed,	Perry & Henderson, Connellsville.	5.78	9.19	9.00
		Average,	8.95	8.77	--------
	JAMESTOWN ELECTRIC MILLS, JAMESTOWN, N. Y.				
8644	Jem Stock Feed,	E. S. Clark, Akeley,	11.67	11.94	11.00
	KLEPSER BROTHERS, MARTINSBURG, PA.				
8942	Horse Chop,	Klepser Brothers, Martinsburg.	10.66	11.13	8–10
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
8502	Badger Stock Feed,	Adam Diehl's Sons, Inc., S. Pittsburgh.	10.16	8.75	10.00
9168	Badger Stock Feed,	Wm. Fischer's Sons, N. S. Pittsburgh.	8.05	9.31	10.00
9509	Badger Stock Feed,	Wm. Gates Estate, Kittanning.	8.95	9.06	10.00
9190	Badger Stock Feed,	New Castle Feed & Coal Co., New Castle.	10.10	10.19	10.00
8938	Badger Stock Feed,	Webb Brothers, Altoona,	9.05	10.13	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.18	3.25	8.79	9.00	1 75	Whole ground corn, hominy feed, whole ground oats, whole ground barley, whole ground wheat, oat meal mill by-products, (oat middlings, oat flour, oat hulls.)	As certified,	8972
3.15	3.25	9.38	9.00	1 90	Whole ground: corn, oats, barley and wheat; hominy feed, oat mill by-products, (oat middlings, oat flour, oat hulls).	Barley not detected,	9257
3.30	3.00	11.30	9.00	1 75	Whole ground: corn, oats, barley, Kaffir corn, hominy feed, corn germ meal and oat meal mill by-product, (oat middlings, oat flour and oat hulls).	As certified,	8909
3.21		9.82		1 80			
3.64	5.00	7.75	9.00	1 70	O. P. linseed oil meal, ground corn, hominy feed, ground oats, corn germ meal, 500 lbs. of oat meal mill by-products, (oat middlings, oat shorts, reground oat hulls), one-half of one per cent. of fine salt.	Salt not detected. Found also cottonseed meal and small amount ground grain screenings.	8644
4.74	3.00	3.71	6-8	1 80	Rye, hominy, oats, wheat middlings.	As certified,	8942
3.38	3.50	11.25	10.00	1 75	Hominy feed corn red dog flour, corn germ meal, oat meal mill by-products, (oat hulls, oat middlings, oat shorts), and salt.	As certified,	8502
2.93	3.25	13.95	10.00	1 45	Badger hominy feed, oat meal mill by-product, (oat hulls, oat middlings, oat shorts), salt.	As certified,	9168
3.00	3.50	14,45	10,00	1 85	Badger hominy feed, oat meal mill by-product, (oat hulls, oat middlings, oat shorts), salt.	Salt not detected,	9509
3.15	3.25	11.53	10.00	1 75	Badger hominy feed, oat meal mill by-product, (oat hulls, oat middlings, oat shorts), salt.	Salt not detected,	9190
4.07	3.00	9.47	10.00	1 90	Badger hominy feed, oat meal mill by-product, (oat hulls, oat middlings, oat shorts), salt.	As certified,	8938

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8705	Badger Stock Feed,	Alex Williamson, W. E. Pittsburgh.	10.36	8.94	10.00
		Average,	9.44	9.40	--------
	LADISH MILLING CO., MILWAUKEE, WIS.				
8400	*Special Stock Feed,	Dempsey & Dorr, Osceola Mills.	8.07	10.00	8.50
	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA.				
9404	Lancaster Stock Feed,	Earley & Detweiler, Palmyra.	9.33	10.38	10.00
	THE MCMILLEN COMPANY, FORT WAYNE, IND.				
9428	Jumbo Stock Feed,	Frank Day, Farrell,	8.75	10.75	9.00
8781	Jumbo Stock Feed,	H. F. Gelbach, Evans City.	11.16	9.06	9.00
8936	Jumbo Stock Feed,	J. J. Gleichart & Company, Altoona.	9.35	10.31	9.00
9275	Jumbo Stock Feed,	A. F. Grine, Beaver,	9.35	9.94	9.00
9254	Jumbo Stock Feed,	Grover C. Hughes, Waynesburg.	9.63	10.31	9.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.53	3.25	11.05	10.00	1 65	Badger hominy feed, oat meal mill by-product, (oat hulls, oat middlings, oat shorts), salt.	As certified, ----------	8705
3.34	--------	11.95	--------	1 73			
4.94	4.00	11.19	12.00	1 65	Oat feed and white hominy feed.	As certified, ----------	8400
4.92	3.00	10.92	10.00	1 70	Corn feed meal, wheat middlings, hominy feed, oat meal mill by-products (oat middlings, oat hulls, oat shorts), ground barley and ground oats.	Barley not detected, --	9404
3.98	3.50	11.38	12.00	1 65	Ground corn, ground oats, ground barley, ground Kaffir, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, corn, oats, barley, Kaffir, buckwheat, millet, sunflower seed.	Barley, screenings from sunflower seed, buckwheat, millet not detected.	9428
3.35	3.50	13.31	12.00	1 75	Ground corn, ground oats, ground barley, ground Kaffir, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, corn, oats, barley, Kaffir, buckwheat, millet, sunflower seed.	Screenings from millet and sunflower seed not detected.	8781
4.11	3.50	7.36	12.00	1 90	Ground corn, ground oats, ground barley, ground Kaffir, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, corn, oats, barley, Kaffir, buckwheat, millet, sunflower seed.	Screenings from millet and sunflower seed not detected.	8936
3.86	3.50	10.29	12.00	1 70	Ground corn, ground oats, ground barley, ground Kaffir, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, corn, oats, barley, Kaffir, buckwheat, millet, sunflower seed.	Barley, ground Kaffir corn and ground screenings from Kaffir, buckwheat millet and sunflower seed not detected.	9275
4.04	3.50	8.10	12.00	1 80	Ground corn, graund oats, ground barley, ground Kaffir, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, corn, oats, barley, Kaffir, buckwheat, millet, sunflower seed.	Screenings from millet and sunflower seed not detected.	9254

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8522	Jumbo Stock Feed,	Wayne Milling Co., Honesdale.	10.46	10.31	9.00
		Average,	9.78	10.11	
	MINER-HILLARD MILLING CO., WILKES-BARRE, PA.				
8811	Mihimico Stock Feed,	Miner-Hillard Milling Co., Wilkes-Barre.	9.19	13.06	13.00
	PARK & POLLARD CO., BUFFALO, N. Y.				
9199	P. & P. Stock Feed,	Morrison Brothers, Bellevue.	10.00	8.81	9.00
	POLO MILLS CO., EAST ST. LOUIS, ILL.				
9328	Polo Stock Feed,	J. W. Craft & Sons, Ambler.	8.72	10.88	9.00
	PRAIRIE STATE MILLING CO., CHICAGO, ILL.				
9340	Prairie State Stock Feed,	Braddock Feed & Supply Co., Braddock.	7.50	9.25	8.00
8932	Prairie State Stock Feed,	Fales Grocery Co., Reynoldsville.	9.39	10.19	8.00
9170	Prairie State Stock Feed,	Wm. Fischer's Sons, N. S. Pittsburgh.	9.95	10.63	8.00
9034	Prairie State Stock Feed,	Johnson & Smith, Wilkinsburg.	10.50	9.88	8.00
8399	Prairie State Stock Feed,	Scandinavian Store, Houtzdale.	8.45	10.81	8.00
		Average,	9.15	10.15	

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 3.29	% 3.50	% 10.25	% 12.00	$ 1 60	Ground corn, ground oats, ground barley, ground Kaffir, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, corn, oats, barley, Kaffir, buckwheat, millet, sunflower seed.	Screenings from millet and sunflower seed not detected.	8522
3.77	--------	10.11	--------	1 73			
4.57	5.00	8.03	10.00	2 00	Alfalfa meal, hominy feed, wheat middlings, rye middlings, corn, oats, corn oil meal and salt.	As certified, ----------	8811
3.09	1.50	9.85	10.00	2 00	Ground corn, hominy feed, oat feed.	As certified, ----------	9199
3.88	4.00	9.61	9.00	2 15	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, wheat middlings and 1% salt.	Salt not detected, ---	9328
3.54	2.50	11.09	12.00	1 50	Ground corn, barley feed by-products from the manufacture of pearl barley, corn feed meal, oat shorts, oat hulls.	As certified, ----------	9340
2.89	2.50	11.32	12.00	2 00	Ground corn, barley feed by-products from the manufacture of pearl barley, corn feed meal, oat shorts, oat hulls.	As certified, ----------	8932
4.38	2.50	7.49	12.00	1 45	Ground corn, barley feed by-products from the manufacture of pearl barley, corn feed meal, oat shorts, oat hulls.	As certified, ----------	9170
3.30	2.50	9.20	12.00	1 75	Ground corn, barley feed by-products from the manufacture of pearl barley, corn feed meal, oat shorts, oat hulls.	As certified, ----------	9034
3.55	2.50	11.36	6.00	1 75	Ground corn, barley feed by-products from the manufacture of pearl barley, corn feed meal, oat shorts, oat hulls, oat middlings.	As certified, ----------	8399
3.53	--------	10.09	--------	1 69			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Found.	Guaranteed.
	THE QUAKER OATS CO., CHICAGO, ILL.		%	%	%
9142	Schumacher Feed,	John B. Curry's Sons, Swatara.	7.76	11.06	10.00
8776	Schumacher Feed,	Friedman & Alper, Slippery Rock.	9.53	11.13	10.00
9574	Schumacher Feed,	Hershey Chocolate Company, Hershey.	7.10	10.06	10.00
9362	Schumacher Feed,	King Feed Co., Williamsport.	7.20	9.88	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.43	% 3.25	% 10.95	% 12.00	$ 1.65	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings, (with ground wheat screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	9142
3.82	3.25	10.76	12.00	1.85	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings, (with ground wheat screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	8776
4.85	3.25	12.17	12.00	1.80	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings, (with ground wheat screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	9574
3.92	3.25	11.79	12.00	1.80	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings, (with ground wheat screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	9362

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
8468	Schumacher Feed,	L. L. Rice, Carlisle,	8.44	10.75	10.00
9048	Schumacher Feed,	John Williams & Sons, E. E. Pittsburgh.	9.50	10.81	10.00
		Average,	8.25	10.62	--------
8845	Victor Feed—Coarse,	W. P. Lauster, Yatesboro.	8.71	9.38	8.50
9268	White Diamond Stock Feed,	Bechtel Co., Monaca,	8.62	8.56	8.50
8892	White Diamond Stock Feed,	Beckerstaff & Todd, Woodlawn.	9.27	10.00	8.50
		Average,	8.91	9.28	--------
	ROSENBAUM BROTHERS, CHICAGO, ILL.				
9627	Vitality Stock Feed,	Carnegie Feed & Supply Co., Carnegie.	8.50	9.56	9.00
9159	Vitality Stock Feed,	Elder C. Garvin, Millvale.	9.10	11.56	9.00
		Average,	8.80	10.56	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.08	% 3.25	% 9.77	% 12.00	$ 1 75	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings, (with ground wheat screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	8468
3.76	3.25	10.64	12.00	1 75	Ground corn, hominy feed, yellow hominy feed, ground barley, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings, (with ground wheat screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	9018
4.14	--------	10.94	--------	1 77			
3.19	2.50	9.60	10.00	1 70	Ground corn, hominy feed, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	8845
3.44	2.50	10.62	10.00	1 70	Ground corn, hominy feed, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	9208
2.53	2.50	9.12	10.00	1 75	Ground corn, hominy feed, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ¾ of 1% salt.	As certified, ----------	8692
2.99	--------	9.87	--------	1 73			
4.04	3.00	9.44	12.00	1.75	Corn feed meal, ground oats, ground barley, wheat bran, wheat middlings, oat meal mill by-product (oat hulls, oat shorts), 1% salt, 1% calcium carbonate.	Barley and salt not detected.	9627
3.59	3.00	8.86	12.00	1 80	Corn feed meal, ground oats, ground barley, wheat bran, wheat middlings, oat meal mill by-product (oat hulls, oat shorts), 1% salt, 1% calcium carbonate.	Ground barley not detected.	9159
3.82	--------	9.15	--------	1 78			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	THE SHEETS ELEVATOR CO., CLEVELAND, OHIO.		%	%	%
8531	Haskell's Stock Feed,	M. L. McClain & Co., Tyrone.	8.73	10.19	9.00
	SMITH MILLING CO., MILWAUKEE, WIS.				
8424	4-All Stock Feed,	M. C. Dietz & Son, Mechanicsburg.	8.72	13.88	12.00
	THE SOYCO MILLS CO., GREENVILLE, OHIO.				
9636	*Treaty Stock Feed,	A. Davison Feed Co., McKeesport.	9.86	7.81	6.50
	THOMAS-BOYCE FEED CO., UTICA, N. Y.				
9057	Direct Stock Feed,	A. T. Sprankle, DuBois,	8.78	11.63	10.00
8569	*Scattergood Stock Feed,	S. Book & Brother, Quarryville.	10.51	11.75	10.00
8683	*Scattergood Stock Feed,	Pomona No. 3 Exchange, West Chester.	10.47	13.81	10.00
		Average,	10.49	12.78	--------
	PROPRIETARY STOCK, HORSE & MULE FEED WITH MOLASSES.				
	AKRON FEED & MILLING CO., AKRON, OHIO.				
9502	Portage Horse and Mule Feed,	High Street Mills, Kittanning.	7.65	12.13	10.00
8846	Portage Horse and Mule Feed,	Valley Mills, Johnstown,	13.61	10.32	10.00
		Average,	10.63	11.23	--------
	AMERICAN DEALERS TRADING CORPORATION, HUNTINGDON, PA.				
8858	Gumbo Alfalfa Horse Feed,	J. E. Crisman, South Fork.	14.20	10.19	10.00
	AMERICAN MILLING CO., PEORIA ILL.				
9195	Kick-A-Poo Horse Feed,	J. M. Brown & Co., N. S. Pittsburgh.	12.66	10.20	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat. Found.	Fat. Guaranteed.	Fiber. Found.	Fiber. Guaranteed.	Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
%	%	%	%	$			
6.34	8.00	6.30	9.00	1 85	Ground corn, ground oats, hominy feed oat hulls, oat shorts and salt.	As certified,	8551
3.57	4.00	14.19	14.00	1 25	Hominy feed, ground corn, corn oil meal, ground barley, linseed oil meal, wheat bran wheat middlings, oat products, middling, shorts, hulls, and salt.	Found also brewers' dried grains, malt sprouts and small amount ground grain screenings.	8424
3.34	2.50	12.17	15.00	1 90	Corn meal, hominy feed corn bran, ground oats and reground oat feed.	As certified,	9636
4.75	4.00	11.00	12.00	1 75	Ground corn, ground oats, hominy feed, oatmeal mill by-products (oat middlings, oat hulls, oat shorts), wheat middlings, linseed oil meal, calcium phosphate and salt.	As certified,	9057
4.22	4.00	11.74	10.00	1 50	Ground corn, ground oats, hominy feed, oatmeal mill by-products (oat middlings, oat hulls, oat shorts), wheat middlings, linseed oil meal, calcium phosphate and salt.	Found also small amount ground grain screenings.	8569
4.79	4.00	7.38	10.00	2 00	Ground corn, ground oats, hominy feed, oatmeal mill by-products (oat middlings, oat hulls, oat shorts), wheat middlings, linseed oil meal, calcium phosphate and salt.	As certified,	8683
4.51	--------	9.56	--------	1 75			
3.10	2.00	9.45	12.00	2 00	Corn, oats, alfalfa meal, molasses.	As certified,	9502
2.86	2.00	8.53	12.00	2 10	Corn, oats, alfalfa and molasses.	As certified,	8846
2.98	--------	8.99	--------	2 05			
3.29	2.50	7.77	12.00	2 00	Corn, oats, barley, alfalfa meal, molasses and salt.	Barley not detected,	8858
3.42	2.50	6.07	10.00	2 00	Corn, oats, barley, alfalfa, molasses and salt.	Salt not detected,	9195

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9305	Kick-A-Poo Horse Feed,	George K. Craig, Philadelphia.	12.30	10.00	10.00
9260	Kick-A-Poo Horse Feed,	W. W. McCullough, West Bridgewater.	12.60	9.86	10.00
		Average,	12.52	10.02	--------
9185	Peoria Horse Feed,	G. A. Schnelbaeh, E. E. Pittsburgh.	14.89	9.69	10.00
8496	Sucrene Horse and Mule Feed,	Charles Heiber & Co., Philadelphia.	15.82	9.71	9.00
8700	Sucrene Horse Feed with Alfalfa,	Peter Blumling, McKees Rocks.	14.93	10.08	10.00
9304	Sucrene Horse Feed with Alfalfa,	George K. Craig, Philadelphia.	11.76	10.34	10.00
8086	Sucrene Horse Feed with Alfalfa,	Joseph Finney, Holland,	17.26	10.85	10.00
8603	Sucrene Horse Feed with Alfalfa,	Charles C. Good Co., North Girard.	14.42	10.33	10.00
		Average,	14.59	10.40	--------
9144	Tip Top Horse Feed with Alfalfa,	Dannals Milling Co., Altoona.	15.22	10.10	10.00
	ARCADY FARMS MILLING Co., CHICAGO, ILL.				
8819	Arcady Horse Feed,	G. Bostert & Sons, Johnstown.	11.50	11.30	9.00
8928	RKD Sugared Chop,	Punxsutawney Mills, Punxsutawney.	11.07	12.52	--------
	J. J. BADENOCH CO., CHICAGO, ILL.				
8360	Gloskoat Horse Feed,	Joshua Stouffer & Son, Huntingdon.	12.13	11.53	10.00
	H. B. CASSEL & SON, PHILADELPHIA, PA.				
9203	Cassels 85 Horse Feed,	H. B. Cassel and Son, Philadelphia.	14.39	9.78	10.00
9201	Omac Horse Feed,	H. B. Cassel and Son, Philadelphia.	16.87	9.57	9.50

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 4.00	% 2.50	% 6.41	% 10.00	$ 2 20	Corn, oats, barley alfalfa, molasses and salt.	Barley not detected, --	9305
3.27	2.00	5.69	10.00	2 00	Corn, oats, barley, alfalfa, molasses and salt.	Barley and salt not detected. Found also small amount ground grain screenings.	9260
3.56	--------	6.05	--------	2 07			
2.48	2.50	9.83	14.00	1 75	Corn, oats, barley, alfalfa, molasses, and salt.	As certified, ----------	9185
2.40	2.50	9.41	12.00	1 50	Molasses, corn, oats, oat shorts, oat midlings, oat hulls, barley and salt.	Found also small amount whole weed seeds.	8496
2.68	2.50	7.25	12.00	1 45	Corn, oats, barley, alfalfa, molasses and salt.	Found also small amount ground grain screenings, small amount whole weed seeds and trace of barley.	8700
2.97	2.50	8.05	12.00	2 15	Corn, oats, barley, alfalfa, molasses and salt.	As certified, ----------	9304
2.54	2.50	7.11	12.00	2 00	Corn, oats, barley, alfalfa, molasses and salt.	As certified, ----------	8686
2.47	2.50	8.99	10.00	1 80	Corn, oats, barley, alfalfa, molasses and salt.	Barley not detected, --	8603
2.67	--------	7.85	--------	1 85			
2.57	2.00	7.22	12.00	2 25	Corn, oats, barley, alfalfa, molasses and salt.	Found also small amount whole weed seeds largely wild oats.	9144
2.53	2.00	9.28	12.00	2 10	Cracked corn, oats, alfalfa, molasses and salt.	As certified, ----------	8819
4.08	--------	9.10	--------	2 00	----------	Wheat bran, ground oats, corn, feed, meal, corn gluten feed, ground barley, cottonseed meal, clipped oat by-product, ground grain screenings, small amount small whole weed seeds and molasses.	8928
3.40	2.00	7.45	16.00	2 00	Cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	Found also small amount whole weed seeds.	8360
3.20	2.50	5.79	14.00	1 75	Cracked corn, crushed oats, cane molasses, alfalfa meal and ½ of 1% salt.	Salt not detected, --	9203
2.29	2.00	9.02	14.00	1 65	Cracked corn, crushed oats, cane molasses, alfalfa meal and ½ of 1% salt.	Salt not detected, --	9201

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9202	Omae Horse Feed,	H. B. Cassel and Son, Philadelphia.	15.09	8.82	7.00
		Average,	15.98	9.20	--------
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
9220	Big 4 Horse Feed,	Charles Hieber and Co., Philadelphia.	17.88	7.78	9.00
8553	Black Beauty Horse Feed,	Juniata Feed and Flour Co., Tyrone.	14.57	9.90	10.00
8456	Black Beauty Horse Feed,	Simpson Brothers, Norristown.	14.91	9.94	10.00
		Average,	14.74	9.92	--------
8379	Clover Leaf Horse Feed,	A. G. Smith, Mt. Union,	12.38	10.20	10.00
9219	Philadelphia Special Horse Feed	Charles Hieber and Co., Philadelphia.	15.50	8.64	8.00
9637	Philadelphia Special Horse Feed,	Plymouth Mill & Grain Co., Plymouth.	14.57	8.87	8.00
8457	Philadelphia Special Horse Feed,	Simpson Brothers, Norristown.	14.97	9.09	9.00
		Average,	15.01	8.87	--------
	THE CORNO MILLS CO., ST. LOUIS, MO.				
8831	Corno Sweet Feed,	J. H. Hershberger and Son, Johnstown.	11.99	10.86	10.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
9495	Dickinson Hobby Horse Feed,	J. A. Gualt Co., Kittanning.	13.98	12.20	9.00
8905	Dickinson Hobby Horse Feed,	Hudson & Kuhns, Greensburg.	15.08	11.38	9.00
9056	Dickinson Hobby Horse Feed,	A. T. Sprankle, DuBois,	15.17	10.46	9.00
		Average,	14.74	11.35	--------
8504	Globe Horse Feed,	Thomas Hammond, S. Pittsburgh.	15.67	10.24	10.00
9623	Globe Horse Feed,	Thomas Hannon, S. S. Pittsburgh.	8.85	11.75	10.00
9416	Globe Horse Feed,	John M. Porter, Sharon,	7.54	11.88	10.00
		Average,	10.68	11.29	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
2.50	1.50	9.74	12.00	1 50	Rolled oats, cracked corn, cane molasses, alfalfa meal, oat meal mill by-product, (oat middlings, oat shorts, oat hulls) and ½ of 1% salt.	Salt not detected, ---	9202
2.40	--------	9.38	--------	1 58			
2.38	2.00	9.99	10.00	1 50	Cracked corn, crimped oats, alfalfa meal, clipped oat by-product, molasses and ½ of 1% fine table salt.	Found also small amount of ground grain screenings and small amount whole weed seeds.	9220
2.39	2.00	8.59	12.00	2.15	Cracked corn, crimped oats, alfalfa meal, molasses, ½ of 1% table salt.	As certified, ----------	8553
2.71	2.00	11.02	12.00	1 90	Cracked corn, crimped oats, alfalfa meal, molasses, ½ of 1% table salt.	As certified, ----------	8456
2.55	--------	9.80	--------	2.03			
2.76	2.00	8.93	12.00	2 15	Cracked corn, crimped oats, alfalfa meal and molasses, ½ of 1% fine table salt.	As certified, ----------	8379
2.96	2.00	5.58	10.00	1.80	Cracked corn, crimped oats, alfalfa meal, clipped oat by-product, molasses and ½ of 1% fine table salt.	As certified, ----------	9219
2.47	2.00	7.08	10.00	2 75	Cracked corn, crimped oats, alfalfa meal, clipped oat by-product, molasses and ½ of 1% fine table salt.	Salt not detected, ---	9637
3.18	2.00	7.25	10.00	1 80	Cracked corn, crimped oats, alfalfa meal, clipped oat by-product, molasses and ½ of 1% fine table salt.	As certified, ----------	8457
2.87	--------	6.67	--------	2 12			
2.98	2.50	7.60	15.00	2 00	Rolled corn, whole oats, alfalfa meal and molasses.	As certified, ----------	8831
2.49	1.50	10.90	15.00	2.05	Corn, oats, molasses, alfalfa meal.	As certified, ----------	9495
2.20	1.50	12.68	15.00	1 80	Corn, oats, alfalfa, molasses.	As certified, ----------	8905
2.13	1.50	11.91	15.00	2 25	Corn, oats, molasses, alfalfa meal.	As certified, ----------	9056
2.27	--------	11.83	--------	2 03			
3.22	2.50	4.99	8.00	2 25	Cracked corn, crushed oats, barley and molasses.	As certified, ----------	8504
4.59	2.50	6.56	8.00	2 30	Cracked corn, crushed oats, barley and molasses.	As certified, ----------	9623
4.42	2.50	7.94	8.00	2 25	Cracked corn, crushed oats, barley and molasses.	As certified, ----------	9416
4.08	--------	6.49	--------	2 27			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9198	Oasis Horse Feed,	Morrison Brothers, Bellevue.	13.48	11.47	9.00
9666	Oasis Horse Feed,	Smith Brothers Co., Ridgway.	13.29	10.39	9.00
		Average,	13.38	10.93	--------
	DIXIE MILLS CO., EAST ST. LOUIS, ILL				
9322	Anchor Molasses Horse and Mul Feed.	J. W. Craft & Sons, Ambler.	12.24	10.30	10.00
9323	Dixie Horse and Mule Feed,	J. W. Craft & Sons, Ambler.	13.63	10.44	10.00
9292	Dixie Horse and Mule Feed,	A. C. Godshall & Co., Inc., Lansdale.	12.99	9.71	10.00
8695	Dixie Horse and Mule Feed,	Woodlawn Flour & Feed Co., Woodlawn.	14.59	10.98	10.00
		Average,	13.73	10.38	--------
	THE EARLY & DANIEL CO., CINCINATI, OHIO.				
8495	Tuxedo Chop,	Charles Hieber and Co., Philadelphia.	15.51	8.16	10.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
8562	Eshelman's 60 Horse Feed,	H. M. Rutter and Co., New Holland.	14.08	10.31	10.00
8669	Eshelman's 60 Horse Feed,	A. White & Son, Philadelphia.	15.77	10.53	10.00
		Average,	14.92	10.42	--------
9182	Eshelman's 85 Horse Feed,	I. B. Graybill, Refton,	15.57	10.35	9.00
9126	Eshelman's 85 Horse Feed,	Paxton Flour & Feed Co., Progress.	13.32	11.13	9.00
8673	Eshelman's 85 Horse Feed,	Pomona No. 3 Exchange, West Chester.	15.65	10.66	9.00
		Average,	14.84	10.71	--------
	GEORGE H. FETZER, PHILADELPHIA, PA.				
9288	Empire Horse Feed,	Frank Cockwill, Philadelphia.	15.46	8.64	9.00
8671	Empire Horse Feed,	Charles H. Longeope, Philadelphia.	17.21	9.15	9.00
9285	Empire Horse Feed,	Robert McCracken, Philadelphia.	17.18	8.82	9.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.59	1.50	7.73	15.00	2 00	Corn, oats, alfalfa meal, molasses.	As certified,	9198
3.48	1.50	5.36	15.00	2 50	Corn, oats, alfalfa meal, molasses.	As certified,	9606
3.54	--------	6.54	-------	2 25			
3.05	2.50	5.14	12.00	2 50	Ground corn, oats, ground alfalfa and molasses.	As certified,	9222
3.13	2.50	9.11	12.00	2 00	Ground corn, oats, ground alfalfa and molasses.	As certified,	9323
2.94	2.50	9.13	12.00	1 85	Ground corn, oats, ground alfalfa and molasses.	As certified,	9292
2.59	2.50	9.59	12.00	1 85	Ground corn, oats, ground alfalfa and molasses.	Found also barley,	8695
2.89	--------	9.27	--------	1 90			
3.71	3.00	6.48	12.00	2 00	Wheat bran, alfalfa meal, corn, oats, barley grains, molasses.	Barley not detected,	8495
2.90	2.50	8.14	14.00	35 00	Cracked corn, crushed oats, cane molasses, alfalfa meal and ½ of 1% salt.	As certified,	8562
2.63	2.50	9.98	14.00	1 75	Cracked corn, crushed oats, cane molasses, alfalfa meal and ½ of 1% salt.	As certified,	8669
2.77	--------	9.06	--------	35 00			
3.01	3.00	6.39	12.00	2 00	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	Found also small amount small whole weed seeds largely wild oats.	9182
3.01	3.00	5.78	12.00	2 00	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	As certified,	9126
3.11	3.00	6.44	12.00	2 00	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	As certified,	8673
3.04	--------	6.20	--------	2 00			
2.82	1.50	7.99	10.00	2 00	Cracked corn, crushed oats, clipped oat by-product, alfalfa meal, molasses, ½ of 1% salt.	Found also small amount whole weed seeds.	9288
3.08	1.50	6.03	10.00	1 70	Cracked corn, crushed oats, clipped oat by-product, alfalfa meal, molasses, ½ of 1% salt.	Found also small amount small whole weed seeds and small amount of wild oats.	8671
2.93	1.50	8.09	10.00	1 75	Cracked corn, crushed oats, clipped oat by-product, alfalfa meal, molasses, ½ of 1% salt.	Salt not detected,	9285

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8874	Empire Horse Feed,	H. E. McKissick, Darby,	11.71	8.56	9.00
9278	Empire Horse Feed,	Abe Wolf, Philadelphia,	18.69	9.24	9.00
		Average,	16.05	8.88	--------
9286	Fetzer's Special Horse Feed,	Robert McCracken, Philadelphia.	15.02	9.69	10.00
8875	Fetzer's Special Horse Feed,	H. E. McKissick, Darby,	14.15	10.85	10.00
8632	Fetzer's Special Horse Feed,	Woodward & Co., Upper Darby.	16.50	10.45	10.00
		Average,	15.22	10.33	--------
	THE GAMBRILL GRAIN PRODUCTS CO., BALTIMORE, MD.				
9303	Gambrill's Canton Stock Feed,	George K. Craig, Philadelphia.	13.83	7.70	7.00
	GLOBE GRAIN COMPANY, INC., BUFFALO, N. Y.				
8927	*Blue Ribbon Horse Feed,	Jefferson Flour & Feed Co., Punxsutawney.	13.44	10.93	9.00
	GOLDEN GRAIN MILLING CO., EAST ST. LOUIS, ILL.				
9287	Energy Horse and Mule Feed,	Frank Cockwill, Philadelphia.	14.18	9.26	9.00
	HALES & HUNTER CO., CHICAGO, ILL.				
9271	College Horse Feed,	Excelsior Flour & Feed Co., Freedom.	13.00	10.32	10.00
8976	Kingfalfa Horse Feed,	Keystone Supply Co., Jeannette.	14.68	10.43	10.00
8917	Kingfalfa Horse Feed,	McFarland Supply Co., Greensburg.	16.41	10.25	10.00
9263	Kingfalfa Horse Feed,	Monaca Roller Mills, Monaca.	12.98	11.17	10.00
8765	Kingfalfa Horse Feed,	P. J. Oesterling & Son, Butler.	12.02	11.14	10.00
		Average,	14.02	10.75	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.20	1.50	8.77	10.00	1 75	Cracked corn, crushed oats, clipped oat by-product, alfalfa meal, molasses, ½ of 1% salt.	Found also whole weed seeds largely wild oats.	8874
2.45	1.50	7.77	10.00	1 90	Cracked corn, crushed oats, clipped oat by-product, alfalfa meal, molasses, ½ of 1% salt.	Salt not detected. Found also small amount ground grain screenings, whole weed seeds and trace of alfalfa meal.	9278
2.90	--------	7.73	--------	1 82			
3.32	3.00	8.17	10.00	2 00	Crushed oats, cracked corn, alfalfa meal, molasses and 1% salt.	Salt not detected. Found also small amount whole weed seeds and trace of alfalfa meal.	9286
4.53	3.00	6.50	10.00	1 95	Crushed oats, cracked corn, alfalfa meal, molasses and 1% salt.	Found also trace whole weed seeds.	8875
3.21	3.00	7.64	10.00	2 00	Crushed oats, cracked corn, alfalfa meal, molasses and 1% salt.	Found also small amount ground grain screenings. Sample damaged by mould.	8632
3.60	--------	7.43	--------	1 98			
2.78	2.00	7.62	12.10	1 80	Cracked corn, crimped oats, oat feed, oat clipps, by-products, cane molasses and ½ of 1% salt.	As certified, ----------	9303
3.12	2.00	10.87	12.00	2 20	Cracked corn, oats, barley, shredded alfalfa, cane molasses, salt ¾ of 1%.	Barley not detected,	8927
2.27	2.50	10.21	10.00	1 50	Cracked corn, oats, alfalfa meal, molasses, clipped oat by-product and ½ of 1% salt.	Salt not detected. Found also small amount whole weed seeds.	9287
4.01	2.50	4.57	10.00	2 00	Ground corn, rolled oats, rolled barley, wheat bran and molasses.	As certified, ----------	9271
2.12	2.00	8.46	15.00	2 00	Cracked corn, rolled oats, rolled barley, clipped oat by-product, alfalfa and molasses	Found also small amount whole weed seeds, largely wild oats.	8976
2.62	2.00	8.40	15.00	2 00	Alfalfa, molasses, cracked corn, oats and barley.	As certified, ----------	8917
2.63	2.00	8.00	15.00	1 90	Cracked corn, rolled oats, rolled barley, clipped oat by-product, alfalfa and molasses.	As certified, ----------	9263
2.56	2.00	8.37	15.00	2 00	Alfalfa, molasses, cracked corn, oats and barley.	As certified, ----------	8765
2.48	--------	8.30	--------	1 98			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	DWIGHT HAMLIN, INC., PITTSBURGH, PA.		%	%	%
9216	Century Horse Feed,	Greer Brothers, Philadelphia.	16.30	7.63	6.00
8665	Century Horse Feed,	Fred L. Lemont, Philadelphia.	17.63	6.99	6.00
9284	Century Horse Feed,	Robert McCracken, Philadelphia.	15.24	8.10	6.00
9281	Century Horse Feed,	Max Supowitz, Philadelphia.	20.13	7.99	6.00
		Average,	17.32	7.68	--------
8480	Hamlin's Mixer Feed,	Woodward & Co., Philadelphia.	19.19	5.30	--------
8793	Hamlin's Quality Feed,	Rimersburg Milling Co., Rimersburg.	10.73	10.11	9.00
8666	Hamlin's Special Horse Feed,	Fred L. Lemont, Philadelphia.	19.91	8.65	9.00
9283	Hamlin's Special Horse Feed,	Max Supowitz, Philadelphia.	16.87	8.44	9.00
		Average,	18.39	8.55	--------
8759	H. & S. Horse and Mule Feed,	David McMullin, Jr., Philadelphia.	13.09	14.02	12.00
8484	Heavy Grain Quality Feed,	Woodward & Co., Philadelphia.	15.60	11.03	9.00
8869	Heavy Grain Quality Feed,	Woodward & Co., Darby.	16.10	10.88	9.00
		Average,	10.85	10.96	--------
9298	Jumbo Horse Feed,	George C. Gallagher, Philadelphia.	18.24	6.98	5.00
9277	Jumbo Horse Feed,	Abe Wolf, Philadelphia,	24.89	8.08	5.00
		Average,	21.56	7.53	--------
9306	Keystone Horse Feed,	George K. Craig, Philadelphia.	14.30	10.19	7.00
9217	Keystone Horse Feed,	Greer Brothers, Philadelphia.	13.87	9.93	7.00
8662	Keystone Horse Feed,	Fred L. Lemont, Philadelphia.	17.37	9.06	7.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat. Found.	Fat. Guaranteed.	Fiber. Found.	Fiber. Guaranteed.	Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
%	%	%	%	$			
1.60	2.00	7.61	10.00	1 50	Corn, oats, alfalfa meal, oat meal mill by-products, (oat shorts, oat middlings, oat hulls), molasses.	As certified, ----------	9216
1.47	2.00	7.86	10.00	1 65	Corn, oats, alfalfa meal, oat meal mill by-products, (oat shorts, oat middlings, oat hulls), molasses.	As certified, ----------	8605
1.96	2.00	8.02	10.00	1 75	Corn, oats, alfalfa meal, oat meal mill by-products, (oat shorts, oat middlings, oat hulls), molasses.	Alfalfa meal not detected.	9284
2.14	2.00	7.74	10.00	1 50	Corn, oats, alfalfa meal, oat meal mill by-products, (oat shorts, oat middlings, oat hulls), molasses.	Alfalfa meal not detected.	9281
1.79	--------	7.80	--------	1 60			
0.81	--------	7.88	--------	1 30	Alfalfa meal, molasses and oat hulls.	As certified, ----------	8489
1.75	1.50	10.84	14.00	2 75	Corn, oats, alfalfa and cane syrup.	As certified, ----------	8793
2.69	1.50	8.10	14.00	1 80	Corn, oats, alfalfa and molasses.	Found also oat meal mill by-product, (middlings and hulls).	8666
2.35	1.50	9.48	10.00	1 90	Corn, oats, alfalfa and molasses.	As certified, ----------	9283
2.52	--------	8.79	--------	1 85			
2.63	2.00	12.04	12.00	44 00	Crushed flaxseed meal, old process oil meal, cottonseed meal, dried brewers' grains, alfalfa meal, pure cane molasses, ½ of 1% salt.	Found also malt sprouts.	8759
1.66	1.50	13.02	14.00	1.85	Corn, oats, alfalfa and cane syrup.	As certified, ----------	8484
1.57	1.25	11.31	14.00	2.60	Corn, oats, alfalfa and cane syrup.	As certified, ----------	8869
1.62	--------	12.16	--------	2.22			
1.88	1.00	7.35	10.00	1.50	Corn, oats, oatmeal mill by-products, (oat shorts, oat middlings, oat hulls), molasses.	As certified, ----------	9298
1.46	1.00	6.79	10.00	1.80	Corn, oats, oatmeal mill by-products, (oat shorts, oat middlings, oat hulls), molasses.	As certified, ----------	9277
1.67	--------	7.07	--------	1 65			
3.46	1.00	7.22	10.00	2.10	Corn, oats, alfalfa meal, molasses and ½ of 1% salt.	Salt not detected, --	9306
3.30	1.00	7.98	10.00	1.85	Corn, oats, alfalfa meal, molasses and ½ of 1% salt.	Salt not detected, --	9217
3.59	1.00	5.74	10.00	1.80	Corn, oats, alfalfa meal, pure cane molasses and ½ of 1% salt.	Salt not detected, ---	8662

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9212	Keystone Horse Feed,	Walton Brothers, Philadelphia.	13.77	9.96	7.00
		Average,	14.82	9.79	--------
8485	Special Molasses Feed,	Woodward & Co., Philadelphia.	15.16	6.31	6.00
9307	Superfine Horse Feed,	George K. Craig, Philadelphia.	13.43	10.33	9.00
9282	Superfine Horse Feed,	Max Supowitz, Philadelphia.	15.25	10.09	9.00
		Average,	14.34	10.21	--------
	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL.				
9249	Illinois Horse Feed 85% Grain,	Farmers' Milling Corporation, Washington.	13.02	10.42	10.00
	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN.				
8780	International Horse Feed,	H. F. Gelbach, Evans City.	19.03	9.84	9.50
	JOHNSON & COMPANY, FRANKLIN, PA.				
9439	Molasses Horse Feed,	Johnson & Company, Franklin.	7.53	10.69	--------
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
8303	Badger Crescent Horse Feed No. 4,	Joseph Weber, Philadelphia.	14.85	8.16	10.00
8501	Krause Horse Feed,	Adam Diehl's Sons, Inc., S. Pittsburgh.	14.85	10.43	10.25
8935	Krause Horse Feed,	J. J. Gleichart & Company, Altoona.	14.31	11.51	10.00
9179	Krause Horse Feed,	I. B. Graybill, Refton,	14.33	10.47	10.00
8910	Krause Horse Feed,	Perry & Henderson, Connellsville.	13.15	12.46	10.00
8450	Krause Horse Feed,	W. & H. Rhoads, Norristown.	14.34	10.50	10.00
8796	Krause Horse Feed,	R. C. Wilson, Dayton,	13.85	11.49	10.00
		Average,	14.13	11.14	--------
9312	Pep Horse Feed,	Frank C. Lewis, Doylestown.	12.72	9.47	10.00
9192	Pep Horse Feed,	New Castle Feed & Coal Co., New Castle.	13.90	10.56	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
2.94	1.00	7.81	10.00	32.00	Corn, oats, alfalfa meal, molasses and ½ of 1% salt.	Salt not detected, ---	9212
3.32	--------	7.18	--------	36.75			
1.79	2.00	12.36	10.00	1.75	Cracked corn, crushed oats, reground oat feed (oat shorts, oat middlings, oat hulls), pure cane molasses and ½ of 1% salt.	As certified, ---------	8485
3.83	1.50	6.57	10.00	2.15	Corn, oats, old process oil meal, alfalfa and molasses.	As certified, ---------	9307
3.89	1.50	6.52	10.00	1.95	Corn, oats, old process oil meal, alfalfa and molasses.	Alfalfa small amount,	9282
3.86	--------	6.54	--------	2.05			
3.81	2.50	5.63	12.00	2.00	Cracked corn, crushed oats, alfalfa meal, barley, molasses and salt.	Barley not detected,	9249
2.83	3.50	7.27	8.00	1.90	Crushed oats, cracked corn, alfalfa meal, molasses.	As certified, ---------	8780
4.58	--------	5.82	--------	1.95	Corn, oats, molasses and wheat bran.	As certified, ---------	9439
2.02	1.50	11.76	10.00	1.40	Corn, oats, molasses, salt, oatmeal mill by-products, (oat hulls, oat shorts, oat middlings), alfalfa meal.	Largely oat meal mill by-product, (oat middlings and oat hulls).	8393
2.00	2.50	7.26	10.00	1.75	Corn, oats, alfalfa, molasses and salt.	As certified, ---------	8501
2.09	2.50	6.84	10.00	2.25	Corn, oats, alfalfa meal, molasses and salt.	As certified, ---------	8935
2.60	2.50	7.42	10.00	2.00	Corn, oats, alfalfa meal, molasses and salt.	As certified, ---------	9179
3.02	2.50	7.37	10.00	2.00	Corn, oats, alfalfa meal, molasses and salt.	As certified, ---------	8910
3.19	2.50	6.99	10.00	1.80	Corn, oats, alfalfa meal, molasses and salt.	As certified, ---------	8450
2.79	2.50	7.50	10.00	2.59	Corn, oats, alfalfa meal, molasses and salt.	As certified, ---------	8796
2.92	--------	7.21	--------	2.05			
3.26	3.00	6.85	10.00	2.00	Corn, oats, alfalfa meal, molasses and salt.	Alfalfa meal and salt not detected. Found also flax plant refuse, small amount ground grain screenings and small amount small whole weed seeds.	9312
3.45	3.00	5.15	10.00	2.00	Corn, oats, alfalfa meal, molasses and salt.	Salt not detected, ---	9192

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9209	Pep Horse Feed,	Walton Brothers, Philadelphia.	15.06	9.40	10.00
		Average,	13.89	9.81	--------
8760	Pul-Mor Horse Feed,	Walton Brothers, Philadelphia.	14.05	7.92	9.00
9541	Sugared Badger Stock Feed,	Farmers' Exchange, Indiana.	9.35	9.31	9.00
	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA.				
8751	Lancaster Horse Feed,	Great Valley Mills, Inc., Paoli.	17.11	10.01	10.00
8762	Lancaster Special Horse Feed,	Walton Brothers, Philadelphia.	16.94	9.38	9.00
9218	Lancaster Special Horse Feed,	Walton Brothers, Philadelphia.	14.41	9.73	9.00
		Average,	15.67	9.56	--------
8492	Liberty Horse Feed,	John G. Schaal's Sons, Philadelphia.	7.10	8.25	7.00
8763	Liberty Horse Feed,	Walton Brothers, Philadelphia.	15.81	8.95	7.00
9211	Liberty Horse Feed,	Walton Brothers, Philadelphia.	15.45	8.23	7.00
8866	Liberty Horse Feed,	Woodward & Co., Philadelphia.	17.50	8.04	7.00
		Average,	13.96	8.37	--------
9209	Red Rose Horse Feed 85% Grain,	George C. Gallagher, Philadelphia.	14.62	9.99	9.00
8493	Red Rose Horse Feed 85% Grain,	John G. Schaal's Sons, Philadelphia.	14.89	10.18	10.00
8764	Red Rose Horse Feed 85% Grain,	Walton Brothers, Philadelphia.	17.56	9.35	9.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 2.92	% 3.00	% 8.65	% 10.00	$ 32.00	Corn, oats, alfalfa meal, molasses and salt.	Salt not detected. Found also small amount ground grain screenings.	9209
3.21	--------	6.88	--------	37.33			
1.61	1.00	10.98	12.00	24.00	Corn, oats, molasses, alfalfa meal, oat meal mill by-product, (oat middlings, oat hulls, oat shorts), flax plant by-product and salt.	Flax plant refuse not detected.	8760
3.55	3.00	11.76	10.00	1.85	Badger hominy feed, corn, oat meal mill by-product, (oat hulls, oat middlings, oat shorts), molasses and salt.	Found also cotton-seed meal.	9541
2.24	2.50	10.46	14.00	38.00	Cracked corn, crushed oats, cane molasses, alfalfa meal, and ½ of 1% salt.	As certified, ----------	8751
2.57	2.50	7.37	14.00	32.00	Cracked corn, crushed oats, cane molasses, alfalfa meal, and ½ of 1% salt.	As certified, ----------	8762
2.87	2.50	7.57	14.00	31.50	Cracked corn, crushed oats, cane molasses, alfalfa meal, and ½ of 1% salt.	Salt not detected, ---	9218
2.72	--------	7.47	--------	31.75			
2.33	2.00	7.62	10.00	1.50	Cracked corn, cane molasses, crushed oats, oatmeal mill by-product, alfalfa meal and ½ of 1% salt.	As certified, ----------	8492
2.46	2.00	6.97	14.00	27.00	Cracked corn, crushed oats, cane molasses, clipped oat by-product, alfalfa meal, ½ of 1% salt.	Found also large amount ground grain screenings.	8763
2.31	2.00	7.81	14.00	27.00	Cracked corn, crushed oats, cane molasses, clipped oat by-product, alfalfa meal, ½ of 1% salt.	Salt not detected, ---	9211
2.15	2.00	6.15	14.00	1.60	Cracked corn, crushed oats, cane molasses, clipped oat by-product, alfalfa meal, ½ of 1% salt.	Clipped oat by-product not detected. Found also oat meal mill by-product.	8866
2.31	--------	7.13	--------	29.00			
3.91	3.00	7.38	12.00	2.00	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	Salt not detected, ---	9209
3.49	3.00	5.82	14.00	1.75	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	As certified, ----------	8493
2.93	3.00	7.59	12.00	35.00	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	Salt not detected, ---	8764

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9210	Red Rose Horse Feed 85% Grain, ---	Walton Brothers, Philadelphia.	14.25	10.15	9.00
8483	Red Rose Horse Feed 85% Grain, ---	Woodward & Co., Philadelphia.	14.45	10.35	10.00
8867	Red Rose Horse Feed 85% Grain, ---	Woodward & Co., Philadelphia.	18.34	10.32	9.00
		Average, ----------	15.68	10.06	--------
8865	Tally-Ho Horse Feed, ----------	Woodward & Co., Philadelphia.	18.90	8.12	7.00
	FRED L. LEMONT, PHILADELPHIA, PA.				
8663	Lemont's 85 Horse Feed, ----------	Fred L. Lemont, Philadelphia.	17.14	10.07	10.00
	THE McMILLEN CO., FORT WAYNE, IND.				
8670	Wayne Special Horse Feed, --------	Charles H. Longeope, Philadelphia.	14.49	9.66	9.00
8491	Wayne Special Horse Feed, --------	John G. Schaal's Sons, Philadelphia.	18.22	10.45	9.00
		Average, ----------	16.35	10.06	--------
9425	Wayne Supreme Horse Feed, --------	J. M. Hoagland & Co., Sharon.	12.16	11.62	9.50
	NOWAK MILLING CORPORATION, BUFFALO, N. Y.				
9519	Domino Vim-O-Lene Horse Feed, ---	Muth Brothers, Elizabethtown.	8.32	12.44	8.00
	OMAHA ALFALFA MILLING CO., OMAHA, NEB.				
9624	Peerless Horse Feed, ----------	Adam Diehl's Sons, Inc., S. S. Pittsburgh.	13.93	10.65	10.00
8482	Perfection Horse Feed, ----------	Woodward & Co., Philadelphia.	14.84	10.27	10.00
8664	Perfection Horse Feed, ----------	Woodward & Co., Philadelphia.	15.27	10.84	10.00
		Average, ----------	15.05	10.56	--------
	PARK & POLLARD COMPANY, BUFFALO, N. Y.				
9240	P. & P. Molasses Alfalfa Horse Feed.	Canonsburg Milling Co., Canonsburg.	16.37	9.96	10.00
8742	P. & P. Molasses Alfalfa Horse Feed.	H. J. Klingler & Co., Butler.	14.66	10.55	10.00
		Average, ----------	15.51	10.26	--------
	M. C. PETERS MILL CO., OMAHA, NEB.				
8823	Peters' Arab Horse Feed, ---------	Swope Brothers, Johnstown.	11.17	10.71	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.00	3.00	6.95	12.00	33.00	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	As certified,	9210
3.37	3.00	6.91	14.00	1.90	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	As certified,	8483
3.50	3.00	6.25	12.00	1.95	Cracked corn, crushed oats, cane molasses, alfalfa meal, ½ of 1% salt.	As certified,	8867
3.54	--------	6.81	--------	36.67			
1.80	2.00	6.88	10.00	1.50	Cracked corn, cane molasses, crushed oats, oatmeal mill by-product, alfalfa meal and ½ of 1% salt.	As certified,	8865
3.45	3.00	4.80	10.00	1.85	Cracked corn, oats, cane molasses, alfalfa meal and ½ of 1% salt.	Salt not detected. Sample mouldy and damaged.	8663
3.14	3.00	5.04	10.00	1.85	Rolled corn, rolled oats, alfalfa and molasses.	As certified,	8670
3.68	3.00	5.07	10.00	1.75	Rolled corn, rolled oats, alfalfa and molasses.	As certified,	8491
3.41	--------	5.05	--------	1.80			
4.46	3.50	6.57	7.00	2.00	Rolled corn, rolled oats, wheat bran and molasses.	As certified,	9425
4.04	2.00	6.54	9.00	1.85	Crushed oats, cracked corn, corn feed meal, wheat bran, salt ¾ of 1%, molasses.	Salt not detected,	9519
3.00	1.50	6.87	12.00	2.00	Corn, oats, alfalfa and molasses.	As certified,	9624
3.04	2.00	6.71	12.00	2.00	Corn, oats, alfalfa meal, molasses.	As certified,	8482
3.11	2.00	7.78	12.00	2.10	Corn, oats, alfalfa meal, molasses.	As certified,	8864
3.08	--------	7.24	--------	2.05			
3.45	2.00	8.57	14.00	2.10	Cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	Barley not detected,	9240
2.79	2.00	8.04	14.00	1.75	Cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	Barley not detected,	8742
3.12	--------	8.30	--------	1.93			
2.79	2.00	9.15	15.00	2.00	Corn, alfalfa, oats, molasses.	As certified,	8823

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	PRAIRIE STATE MILLING CO., CHICAGO, ILL.		%	%	%
9169	Apex Horse Feed,	Wm. Fischer's Sons, N. S. Pittsburgh.	14.64	11.36	8.00
9171	Emerald Horse Feed,	Wm. Fischer's Sons, N. S. Pittsburgh.	16.17	11.18	9.00
9619	Emerald Horse Feed,	Edward Henning, S. S. Pittsburgh.	13.58	10.78	8.00
9035	Emerald Horse Feed,	Johnson & Smith, Wilkinsburg.	15.68	10.58	9.00
8704	Emerald Horse Feed,	Alex Williamson, W. E. Pittsburgh.	17.26	10.71	9.00
		Average,	15.67	10.81	--------
9347	Lexington Horse Feed,	Homestead Fruit & Product Co., Munhall.	14.02	8.58	7.75
	THE QUAKER OATS CO., CHICAGO, ILL.				
8615	Green Cross Horse Feed,	Albion Milling Co., Albion.	13.27	9.43	10.00
9267	Green Cross Horse Feed,	Bechtel Co., Monaca,	14.53	10.82	10.00
8444	Green Cross Horse Feed,	Joseph Burkholder, Hummelstown.	14.32	10.63	10.00
8790	Green Cross Horse Feed,	William Fairlie, East Brady.	12.36	12.13	10.00
9300	Green Cross Horse Feed,	George C. Gallagher, Philadelphia.	13.52	10.36	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
2.31	2.00	9.92	15.00	1.80	Ground oats, cracked corn, barley, alfalfa meal and molasses.	As certified, ----------	9169
2.06	2.00	10.33	15.00	1.75	Crushed oats, sifted cracked corn, crushed barley, alfalfa meal and molasses.	Barley not detected,	9171
3.06	2.00	7.85	10.00	2.00	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	Barley not detected,	9619
2.04	2.00	10.17	15.00	1.75	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	Crimped barley not detected.	9035
2.39	2.00	9.51	15.00	1.75	Crimped oats, sifted cracked corn, crimped barley, alfalfa meal and molasses.	As certified, ----------	8704
2.39	--------	9.46	--------	1.81			
2.28	2.00	11.91	20.00	1 90	Crimped oats, cracked corn, barley screenings, alfalfa meal, oat shorts, oat feed and molasses.	As certified, ----------	9347
2.58	2.50	9.12	12.00	1 90	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	As certified, ----------	8615
3.27	2.50	8.60	12.00	1.95	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% salt.	Salt not detected, ---	9267
2.73	2.50	9.29	12.00	2.00	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	As certified, ----------	8444
3.07	2.50	10.44	12.00	2.50	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	Found also small amount ground grain screenings.	8790
3 19	2.50	10.91	12.00	2.00	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	Salt not detected, ---	9300

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8966	Green Cross Horse Feed,	King Brothers, Uniontown.	14.09	10.31	10.00
9364	Green Cross Horse Feed,	King Feed Co., Williamsport.	16.64	10.65	10.00
9544	Green Cross Horse Feed,	L. M. Lewis, Indiana,	11.81	10.59	10.00
8447	Green Cross Horse Feed,	W. & H. Rhoads, Norristown.	14.89	10.05	10.00
9205	Green Cross Horse Feed,	Walton Brothers, Philadelphia.	15.33	10.15	10.00
		Average,	14.07	10.52	
8986	Sugared Schumacher Feed,	Dayton Milling Co., Towanda.	8.74	11.00	10.00
9308	Sugared Schumacher Feed,	Frank C. Lewis, Doylestown.	7.85	10.69	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
2.46	2.50	10.53	12.00	2.00	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	As certified,	8966
3.06	2.50	9.94	12.00	2.40	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	Salt not detected,	9364
3.18	2.50	9.01	12.00	2.25	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), ½ of 1% salt.	As certified,	9544
2.03	2.50	11.60	12.00	1.80	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	As certified,	8447
3.00	2.50	9.15	12.00	32.00	Cracked corn, crushed oats, cottonseed meal, molasses, alfalfa meal, oat meal mill by-products, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	Salt not detected,	9205
2.86	-------	9.85	-------	48 00			
4.27	3.25	9.12	12.00	1.85	Ground corn, hominy feed, yellow hominy feed ground barley, molasses, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings, (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	As certified,	8986
4.47	3.25	10.42	12.00	1.70	Ground corn, hominy feed, yellow hominy feed, ground barley, molasses, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat bran and wheat middlings, (with ground wheat screenings not exceeding mill run), oat meal mill by-product, (oat middlings, oat shorts, oat hulls), and ¾ of 1% salt.	As certified,	9308

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9455	Sugared Schumacher Feed,	Preston & Jaquish, Troy,	7.16	11.50	10.00
		Average,	7.91	11.06	--------
	RALSTON-PURINA CO., INC., ST. LOUIS, MO.				
8902	Purina Feed with Molasses,	L. W. Danenhower, Southampton.	16.58	10.42	9.70
9420	Purina O-Molene Feed,	Boyd Milling Co., Sharon.	13.27	10.36	9.70
8890	Purina O-Molene Feed,	S. S. Detweiler, Quakertown.	12.84	12.44	9.70
8943	Purina O-Molene Feed,	Fay Milling Co., Hollidaysburg.	14.05	9.91	9.70
9352	Purina O-Molene Feed,	Knabe Brothers, Turtle Creek.	13.09	10.07	9.70
8758	Purina O-Molene Feed,	David McMullin, Jr., Philadelphia.	11.63	11.76	9.70
9204	Purina O-Molene Feed,	David McMullin, Jr., Philadelphia.	15.55	11.21	9.70
9062	Purina O-Molene Feed,	J. T. Murphy, Clearfield,	14.76	11.90	9.70
9603	Purina O-Molene Feed,	Charles O. Salberg, Ridgway.	13.04	10.22	9.70
8497	Purina O-Molene Feed,	E. L. Shute & Co., Philadelphia.	15.61	10.86	9.10
8433	Purina O-Molene Feed,	E. Strickler's Sons, Lebanon.	15.24	10.95	9.70
9280	Purina O-Molene Feed,	Max Supowitz, Philadelphia.	16.05	9.29	9.70
9369	Purina O-Molene Feed,	S. G. Updegraff & Son, Williamsport.	13.06	10.24	9.70

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 3.94	% 3.25	% 10.76	% 12.00	$ 1.75	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, old process linseed oil meal, low grade wheat flour, wheat middlings, (with ground wheat screenings not exceeding mill run), molasses, oat meal mill by-product, (oat middlings, oat shorts, oat hulls), ¾ of 1% salt.	As certified, ----------	9455
4.23	-------	10.10	-------	1.77			
2.85	1.70	7.95	13.00	2.20	Corn, oats, ground alfalfa, molasses and 1% salt.	As certified, ----------	8902
3.30	3.20	9.25	8.00	2.30	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal O. P., 1% salt.	As certified, ----------	9420
3.50	3.20	6.35	8.00	2.20	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal O. P., 1% salt.	As certified, ----------	8890
3.45	3.20	7.46	8.00	2.50	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal O. P., 1% salt.	As certified, ----------	8943
3.78	3.20	7.89	9.00	2 50	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal O. P., 1% salt.	As certified, ----------	9352
3.99	3.20	7.61	9.00	42.00	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal O. P., 1% salt.	As certified, ----------	8758
3.86	3.20	7.38	8.00	1.85	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal O. P., 1% salt.	Salt not detected, ---	9204
3.50	3.20	7.79	9.20	2.45	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal O. P., 1% salt.	As certified, ----------	9062
3.95	3.20	7.59	8.00	2.50	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal O. P., 1% salt.	Salt not detected, ---	9603
3.48	3.20	7.45	8.00	39.50	Cracked corn, crushed oats, ground alfalfa, molasses and 1% salt.	Found also linseed oil meal.	8497
3 54	3.20	7.27	8.00	2.25	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal, (old process), and 1% salt.	As certified, ----------	8433
4.06	3.20	8.08	8.00	2.20	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal (old process), and 1% salt.	Salt not detected. Trace alfalfa.	9280
3.93	3.20	8.01	8.00	2.25	Cracked corn, crushed oats, ground alfalfa, molasses, linseed oil meal (old process), and 1% salt.	As certified, ----------	9369

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8834	Purina O-Molene Feed,	C. Y. Wagner & Co., Bellefonte.	12.89	10.96	9.70
		Average,	13.92	10.78	
9302	Star Feed with Molasses,	George K. Craig, Philadelphia.	13.27	10.22	9.30
	ROSENBAUM BROTHERS, CHICAGO, ILL.				
9158	Advance Horse Feed,	Elder C. Garvin, Millvale.	12.65	10.75	10.00
8914	Rosebro Horse Feed,	Hockey & McCurdy, Connellsville.	14.25	11.04	10.00
	THE SHEETS ELEVATOR CO., CLEVELAND, OHIO.				
8596	Diamond Horse Feed,	Nickel Plate Flour Mills, Erie.	14.51	8.97	9.50
8549	S. B. Horse and Mule Feed,	M. L. McClain & Co., Tyrone.	13.69	11.35	9.50
	E. L. SHUTE & CO., PHILADELPHIA, PA.				
8498	Challenge Horse Feed,	E. L. Shute & Co., Philadelphia.	15.15	8.23	9.00
8499	Shute's Special Horse Feed,	E. L. Shute, & Co., Philadelphia.	17.60	10.67	10.00
	JESSE C. STEWART CO., PITTSBURGH, PA.				
9050	Red Letter Brand Alfalfa Horse Feed.	C. J. Cleland, E. E. Pittsburgh.	16.12	8.24	9.00
8950	Red Letter Brand Alfalfa Horse Feed.	Leibovitz Feed Mills, Altoona.	16.85	8.91	9.00
9554	Red Letter Brand Alfalfa Horse Feed.	J. A. McKelvey, Blairsville.	14.00	9.11	9.00
		Average,	15.65	8.75	
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
8407	Camp's Invincible Alfalfa Feed,	W. H. Densham, Morrisdale.	14.46	10.05	10.00
	WALTON BROTHERS, PHILADELPHIA, PA.				
8761	*American Horse Feed,	Walton Brothers, Philadelphia.	14.88	8.22	7.00
9208	W. B. Special Horse Feed,	Walton Brothers, Philadelphia.	21.29	7.89	6.00
	WESTERN GRAIN PRODUCTS CO., HAMMOND, IND.				
9371	Calumet Alfalfa Horse Feed,	George Ieff & Sons, Evans City.	14.05	11.05	10.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.57	3.20	7.95	8.30	2.25	Cracked corn, crushed oats, ground alfalfa, molasses and 1% salt.	As certified, ----------	8834
3.69	--------	7.69	--------	45.11			
3.68	1.70	6.55	13.00	2.10	Cracked corn, oats, ground alfalfa, molasses and 1% salt.	Salt not detected, ---	9302
2.31	2.00	12.62	15.00	1.90	Sifted cracked corn, crushed oats, alfalfa meal, oat feed, ground grain screenings and molasses.	As certified, ----------	9158
3.06	2.00	9.89	15.00	2.00	Sifted cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	Crushed barley not detected.	8914
3.29	3.75	6.73	10.00	1.70	Corn, oats, oat middlings, oat hulls, molasses.	Found also small amount whole weed seeds.	8596
4.10	3.75	6.14	9.50	2.00	Pure oats, corn, molasses.	As certified, ----------	8549
2.59	1.50	6.92	10.00	27.50	Cracked corn, crushed oats, alfalfa meal, molasses, oat meal mill by-product, oat middlings, oat hulls, oat shorts), ½ of 1% salt.	As certified, ----------	8498
3.04	3.00	7.07	14.00	31.00	Crushed oats, cracked corn, alfalfa meal, molasses and ½ of 1% salt.	As certified, ----------	8499
1.54	0.50	12.01	14.00	1.75	Corn, oats, alfalfa and cane syrup.	As certified, ----------	9050
1.78	0.50	10.76	14.00	2.00	Corn, oats, alfalfa and cane syrup.	As certified, ----------	8950
2.83	0.50	10.87	14.00	2.00	Corn, oats, alfalfa and cane syrup.	As certified, ----------	9554
2.05	--------	11.21	--------	1.92			
2.90	2.50	11.01	12.00	2.75	Corn, oats, alfalfa meal anl molasses.	As certified, ----------	8407
2.29	1.00	7.96	10.00	31.00	Corn, oats, alfalfa meal molasses and ½ of 1% salt.	As certified, ----------	8761
1.42	1.50	7.55	12.00	25.50	Corn, oats, molasses, salt, oat meal mill by-products, (oat middlings, oat hulls, oat shorts), alfalfa meal.	Salt not detected, ---	9208
2.80	2.50	10.88	15.00	2.00	Crushed corn, oats, alfalfa meal, molasses and salt.	Found also barley and small amount whole weed seeds, largely wild oats.	9371

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	A. WHITE & SON, PHILADELPHIA, PA.		%	%	%
8667	White's All Grain Horse Feed, -----	A. White & Son, Philadelphia.	18.15	10.77	9.00
8668	White's Competetive Horse Feed, ---	A. White & Son, Philadelphia.	16.72	7.94	7.00
	FRANK WILLIAMS, PHILADELPHIA, PA.				
8490	*Mixed Feed, ----------	Frank Williams, Philadelphia.	7.41	10.88	--------
	PROPRIETARY CALF MEAL.				
	BLATCHFORD CALF MEAL CO., WAUKEGAN, ILL.				
9575	Blatchford's Calf Meal, ----------	Hershey Chocolate Co., Hershey.	10.33	25.13	24.00
	BROWN & FASSETT, TUNKHANNOCK, PA.				
9078	B. & F. Calf Meal, ----------	Brown & Fassett, Tunkhannock.	10.82	33.94	28.00
	THE QUAKER OATS CO., CHICAGO, ILL.				
9458	Schumacher Calf Meal, ----------	Preston & Jaquish, Troy,	7.70	20.69	18.00
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
9370	Purina Calf Chow Feed, ----------	S. G. Updegraff & Son, Williamsport.	10.20	25.94	27.00
	RYDE & COMPANY, CHICAGO, ILL.				
8836	Ryde's Cream Quality Calf Meal, --	C. Y. Wagner & Co., Bellefonte.	9.48	25.63	25.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.49	3.00	6.94	12.00	1.75	Cracked corn, crushed oats, cane molasses, alfalfa meal and ½ of 1% salt.	As certified, ----------	8667
1.97	2.00	7.37	10.00	1.50	Cracked corn, cane molasses, crushed oats, oat meal mill by-products, alfalfa meal and ½ of 1% salt.	As certified, ----------	8668
3.33	--------	11.17	--------	1.50	Sucrene Horse and Mule Feed. Cracked corn, oats and cut hay.	Found also barley, oat shorts, oat middlings, oat hulls, molasses and salt.	8490
4.79	5.00	6.66	6.75	4.80	Locust bean meal, unpressed flaxseed, blood flour, rice polish, old process linseed meal, dried milk albumen, barley, meal, ground beans, cocoanut oil meal, recleaned cottonseed meal, foenugreek, anise and salt.	Found also trace of rice hulls.	9575
4.47	5.00	4.10	8.00	3.60	Blood meal, red dog, hominy, oil cake meal, charcoal and salt.	As certified, ----------	9078
8.18	8.00	2.92	4.00	4.45	Oatmeal, ground flaxseed, ground puffed wheat, old process linseed oil meal, milk albumen, boiled and sterilized blood flour, ½ of 1% bicarbonate of soda.	Bicarbonate of soda not detected.	9458
4.02	3.20	3.50	4.50	5.50	Blood flour, linseed meal, hominy feed, yellow corn feed meal, wheat flour and 1% salt.	As certified, ----------	9370
5.15	5.00	5.98	6.75	4.00	Wheat flour, linseed oil meal, recleaned cottonseed meal, cocoanut oil meal, beans and lentils, hominy feed, locust bean meal, blood flour, ground flaxseed, malt flour, cocoa shell meal, foenugreek, anise and salt.	Locust bean meal not detected.	8836

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8638	Ryde's Cream Quality Calf Meal, ----	Warren City Mills, Warren.	10.59	26.88	25.00
		Average, ----------	10.03	26.26	--------
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
8992	Ti-O-Ga Calf Food, ----------	Dayton Milling Co., Towanda.	9.20	24.69	21.00
	PROPRIETARY SWINE FEED.				
	ACME-EVANS COMPANY, INDIANAPOLIS, IND.				
8402	Acme Hog Feed, ----------	Winburne Milling Co., Winburne.	9.00	14.69	15.00
	J. J. BADENOCH CO., CHICAGO, ILL.				
8367	C-Em Grow Hog Feed, ----------	E. W. Fluke, Williamsburg.	8.62	21.63	18.50
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
8552	Clover Leaf Hog Meal, ----------	Juniata Feed & Flour Co., Tyrone.	9.92	21.19	18.00
	CORN PRODUCTS REFINING CO., NEW YORK, N. Y.				
9270	Diamond Hog Meal, ----------	Excelsior Flour & Feed Co., Freedom.	9.62	27.31	18.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
9155	Rival Hog Feed, ----------	R. J. Ramaley, Juniata,	9.40	15.56	12.50
9054	Rival Hog Feed, ----------	A. T. Sprankle, DuBois,	9.69	15.50	12.00
		Average, ----------	9.54	15.53	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.44	5.00	6.58	6.00	4.80	Wheat flour, linseed oil meal, recleaned cottonseed meal, cocoanut oil meal, beans and lentils, hominy feed, locust bean meal, blood flour, ground flaxseed, malt flour, cocoa shell meal, foenugreek, anise and salt.	As certified,	8638
4.80	-------	6.28	-------	4.40			
5.20	4.00	5.28	7.00	4.00	Oatmeal flour, wheat middlings, O. P. linseed oil meal, cane molasses, bolted cottonseed meal, cocoanut oil meal, blood meal flour, 2½% phosphate of lime, salt ½%.	As certified,	8992
7.03	7.00	6.69	7.00	2.50	Corn hominy, corn feed meal, wheat bran, wheat middlings, linseed oil meal hominy meal, corn cake meal and salt.	As certified,	8402
4.79	2.75	8.53	10.00	2.75	Linseed oil meal, peanut oil meal, tankage, fish meal, ground barley, standard middlings with screenings not to exceed mill run, alfalfa meal, calcium phosphate, ground corn and corn feed meal.	As certified,	8367
5.44	4.00	7.00	8.00	2.15	Pure O. P. Linseed meal, corn gluten feed wheat middlings, corn feed meal, fine ground alfalfa meal, hominy feed, pure ground white oats, digester tankage.	Found also barley,	8552
7.69	7.00	8.58	13.00	2.30	----------	Corn oil cake meal,	9270
4.26	3.00	9.53	12.00	2.10	Linseed oil meal, alfalfa meal ground screenings from wheat, oats, barley and Kaffir ½ of 1% salt.	Found also screenings from buckwheat.	9135
4.84	3.00	9.42	12.50	2.00	Linseed oil meal, corn feed meal, alfalfa meal, ground screenings from wheat, oats, barley and Kaffir, ½ of 1% salt.	Found also screenings oil feed.	9054
4.55	-------	9.47	-------	2.05			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN.		%	%	%
8375	International Hog Feed, ----------	Charles E. Hoover, Aiteh,	9.07	22.19	22.50
8739	*Perfection Hog Feed, ----------	Thompson & Glenn, Butler.	9.99	23.88	22.50
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
9336	Badger Gain-Mor Feed, ----------	S. C. Kriebel, West Point,	10.15	12.00	12.00
8715	Badger Gain-Mor Feed, ----------	Manchester Grange Co-operative Association, Emigsville.	10.95	12.81	12.00
		Average, ----------	10.55	12.41	--------
8911	Badger Hog Feed, ----------	Perry & Henderson, Connellsville.	10.35	18.88	16.00
8443	Badger Homohog Feed, ----------	Joseph Burkholder, Hummelstown.	8.97	11.19	13.00
9180	Badger Homohog Feed, ----------	I. B. Graybill, Refton, --	9.70	13.56	13.00
		Average, ----------	9.33	12.38	--------
	LARROWE MILLING CO., DETROIT, MICH.				
9626	Larrowe Hog Feed, ----------	Carnegie Feed & Supply Co., Carnegie.	8.96	19.81	18.00
8859	Larrowe Hog Feed, ----------	J. E. Crisman, South Fork.	9.95	22.25	18.00
8920	Larrowe Hog Feed, ----------	Mahoning Valley Milling Co., Punxsutawney.	9.76	22.13	18.00
		Average, ----------	9.55	21.40	--------

*Not Registered .

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.61	5.00	9.45	12.00	2 50	O. P. oil meal, digester tankage, molasses, ground and bolted screenings from wheat, charcoal, wheat shorts and salt.	Found also small amount small whole weed seeds.	8375
4.54	5.00	9.40	12.00	2 25	O. P. oil meal, tankage, molasses, grain middlings, charcoal, salt.	Grain middlings identified as ground grain screenings. Found also small amount small whole weed seeds.	8739
					Fed dog corn flour, wheat middlings with mill run screenings and salt.	Salt not detected.	9336
3.69	4.00	2.93	4.00	1 80	Red dog corn flour, wheat middlings with mill run screenings and salt.	As certified,	8715
3.96	--------	4.20	--------	35 50			
5.40	4.50	4.94	5.00	2.25	Badger hominy feed, tankage, linseed oil meal, wheat middlings, malt and corn flour.	As certified,	8911
5.05	6.00	4.22	4.50	1.75	Badger hominy feed (either white or yellow), tankage, corn meal, corn feed meal, corn flour and salt.	As certified,	8443
6.30	6.00	4.33	4.50	2 10	Badger hominy feed (either white or yellow), tankage, corn meal, corn feed meal, corn flour and salt.	Salt not detected. White hominy feed present.	9180
5.68	--------	4.27	--------	1 93			
5.04	5.00	8.28	10.00	2.75	Corn germ meal, O. P. linseed oil meal, hominy feed, meat meal, wheat middlings, wheat bran, dried beet pulp and ½ of 1% salt.	Found also small amount ground grain screenings.	9626
6.48	5.00	7.87	10.00	2 40	Corn germ meal, O. P. linseed oil meal, hominy feed, meat meal, wheat middlings, wheat bran, dried beet pulp and ½ of 1% salt.	Meat meal not detected. Found also tankage.	8859
5.30	5.00	7.99	10.00	2 75	Corn germ meal, O. P. linseed oil meal, hominy feed, meat meal, wheat middlings, wheat bran, dried beet pulp and ½ of 1% salt.	Found also tankage.	8920
5.28	--------	8.04	--------	2 63			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	THE MCMILLEN CO., FORT WAYNE, IND.		%	%	%
9426	Wayne Hog Feed,	J. M. Hoagland & Co., Sharon.	9.90	19.19	18.00
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
9129	Purina Pig Chow Feed with Charcoal not over 1%.	O. S. Ebersole & Co., Fenbrook.	11.53	20.07	20.00
8785	Purina Pig Chow Feed with Charcoal not over 1%.	Parker Milling Co., Parkers Landing.	9.65	22.69	20.00
9367	Purina Pig Chow Feed with Charcoal not over 1%.	S. G. Updegraff & Son, Williamsport.	11.34	21.47	20.00
		Average,	10.84	21.41	--------
	THOMAS-BOYCE DIRECT FEED CO., INC., ATTICA, N. Y.				
8676	*Scattergood Hog Feed,	Pomona No. 3 Exchange, West Chester.	9.72	20.75	18.00
	WOLGEMUTH & SON, FLORIN, PA.				
8545	W. & S. Hog Meal,	Wolgemuth & Son, Florin,	10.05	18.25	18.00
	PROPRIETARY AND MISCELLANEOUS CHOP FEED.				
	CORN CHOP.				
	THE HEX MILLING CO., SHAMOKIN, PA.				
8955	Corn Chop,	The Hex Milling Co., Shamokin.	11.06	9.06	--------
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
8939	Badger Corn Meal,	Webb Brothers, Altoona,	8.82	11.25	9.50
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
9660	Attrition Meal,	F. W. Dawson & Son, Williamsport.	13.30	8.97	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.57	% 3.50	% 6.33	% 8.00	$ 2 00	Corn germ meal, corn gluten feed, wheat middlings, cocoanut oil meal, red dog flour, ground barley, corn feed meal, linseed oil meal, digester tankage, alfalfa meal, ½ of 1% salt, molasses.	Salt not detected, ----	9426
4.06	3.20	6.60	8.00	2 85	Hominy feed, cane molasses, gluten feed from corn, digester tankage, linseed oil meal (old process), alfalfa, wheat middlings, charcoal and salt.	As certified, ----------	9129
4.78	3.20	8.47	8.00	2 50	Hominy feed, cane molasses, gluten feed from corn, digester tankage, linseed oil meal (old process), alfalfa, wheat middlings, charcoal and salt.	As certified, ----------	8785
3.87	3.20	7.17	8.00	2 75	Hominy feed, cane molasses, gluten feed from corn, digester tankage, linseed oil meal (old process), ground alfalfa, wheat middlings, charcoal and 1% salt.	As certified, ----------	9367
4.24	--------	7.41	--------	2 70	----------		
4.53	5.00	5.68	7.50	2 00	Dried milk, digester tankage, linseed oil meal, wheat middlings, hominy feed, corn gluten feed, calcium phosphate and salt.	Found also ground Kaffir corn and small amount ground grain screenings.	8676
4.75	4.00	9.70	9.00	2 10	O. P. oil meal, digester tankage, corn chop, bran, middlings, oat feed, charcoal, salt and alfalfa meal.	Salt not detected, ----	8545
4.17	--------	2.34	--------	2 00	Pure corn, ----------	As certified, ----------	8955
7.11	5.00	3.65	4.50	2 00	Yellow corn, ----------	As certified, ----------	8939
4.09	--------	2.35	--------	2 20	----------	Corn meal, ----------	9660

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
	E. STRICKLER'S SONS, LEBANON, PA.				
8437	Pure Corn Chop,	E. Strickler's Sons, Lebanon.	10.67	10.19	--------
		Average,	10.96	9.87	--------
	OATS CHOP				
	O. S. EBERSOLE & CO., PENBROOK, PA.				
9134	Oats Chop,	O. S. Ebersole & Co., Penbrook.	8.91	13.44	--------
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
8674	Ground Oats,	Pomona No. 3 Exchange, West Chester.	8.27	12.81	--------
	THE HEX MILLING CO., SHAMOKIN, PA.				
8954	Oats Chop,	The Hex Milling Co., Shamokin.	8.53	13.06	--------
	KASCO MILLS, WAVERLY, N. Y.				
9012	Kasco Pure Ground Oats,	Farmers Cooperative Co., Inc., Wysox.	7.77	12.94	--------
	E. STRICKLER'S SONS, LEBANON, PA.				
8438	Pure Oats Chop,	E. Strickler's Sons, Lebanon.	6.95	13.94	--------
	THOMAS-BOYCE DIRECT FEED CO., INC., ATTICA, N. Y.				
8679	Ground Oats,	Pomona No. 3 Exchange, West Chester.	8.84	13.81	--------
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
8893	Ground Oats,	A. L. Stout, Churchville,	9.64	12.44	--------
		Average,	8.41	13.21	--------
	CORN AND OATS CHOP.				
	ALBION MILLING CO., ALBION, PA.				
8616	*Corn and Oats Chop,	Albion Milling Co., Albion.	12.11	9.88	--------
	ARCH SPRINGS MILLS, ARCH SPRINGS, PA.				
8558	*Pure Corn, Oats and Mill Feed Chop.	M. & M. Store, Inc., Tyrone.	12.38	10.00	--------
	H. O. AYER, ULSTER, PA.				
9015	Corn and Oats Chop,	H. O. Ayer, Ulster,	10.26	11.13	9.00
	AGNES CAMPBELL, WOODVILLE, PA.				
9356	*Chop Feed,	Agnes Campbell, Woodville.	12.45	9.00	--------
	CARBONDALE MILLING CO., CARBONDALE, PA.				
8531	No. 1 Feed,	Carbondale Milling Co., Carbondale.	12.33	10.88	--------
	CENTER MILLING CO., PHILIPSBURG, PA.				
8397	Corn and Oats Chop,	Center Milling Co., Philipsburg.	10.97	9.69	--------
	H. CLARK COMPANY, UNION CITY, PA.				
8657	Corn and Oats Chop,	H. Clark Company, Union City.	11.67	10.00	--------
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
8711	Ground Yellow Corn and Ground White Oats,	The Goldsboro Pure Feed Co., Etters.	12.14	11.56	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.29	--------	2.66	--------	1.60	Corn, ----------	As certified, ----------	8437
5.17	--------	2.75	--------	1 95			
4.49	--------	11.46	--------	2 40	Oats, ----------	As certified, ----------	9134
4.26	--------	11.92	--------	2 00	Ground oats, ----------	As certified, ----------	8674
4.50	--------	11.49	--------	2.25	Pure oats, ----------	As certified, ----------	8854
4.97	--------	11.69	--------	2 00	No. 2 White oats, ----	As certified, ----------	9012
4.90	--------	10.42	--------	2.00	Pure oats, ----------	As certified, ----------	8438
5.30	--------	10.53	--------	2 00	Ground oats, ----------	As certified, ----------	8679
4.44	--------	8.66	--------	2 00	Ground oats, ----------	As certified, ----------	8893
4.69	--------	10.88	--------	2 09			
4.10	--------	5.82	--------	1 80	Corn and oats, ----------	As certified, ----------	8616
4.20	--------	3.44	--------	2 20	Corn, oats and mill feed.	Corn and oats, ------	8558
4.27	4.00	5.48	8.00	1 75	Corn and oats, --------	As certified, ----------	9015
3.55	--------	2.18	--------	1 75	Corn and oats, ----------	As certified, ----------	9256
3.45	--------	4.65	--------	1 80	Pure corn and oats, ----	As certified, ----------	8531
4.09	--------	3.65	--------	2 00	Corn and oats, --------	As certified, ----------	8397
4.19	--------	3.19	--------	1 60	Corn and oats, ----------	As certified, ----------	8657
4.81	--------	5.23	--------	1 80	----------	Corn and oats, ------	8711

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	CORRY MILLING & SUPPLY CO., CORRY, PA.				
8651	Corn and Oats Chop,	Corry Milling & Supply Co., Corry.	11.85	11.56	--------
	CROUCH BROTHERS, ERIE, PA.				
9618	Corn and Oats Chop,	Thompson Brothers, Ridgway.	11.45	10.31	8.75
	DAYTON MILLING CO., TOWANDA, PA.				
8989	Corn and Oat Chop,	Dayton Milling Co., Towanda.	10.34	11.00	10.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
9607	*Ground Corn and Oat Feed,	Smith Brothers Co., Ridgway.	9.27	11.56	10.00
	FRED J. DYER & CO., CURWENSVILLE, PA.				
9067	Corn and Oats Chop,	Fred J. Dyer & Co., Curwensville.	11.30	9.75	8-9
	L. H. FARNDEAN, CORRY, PA.				
8652	*Corn and Oats Chop,	L. H. Farndean, Corry,	12.24	11.31	--------
	CHARLES C. GOOD CO., NORTH GIRARD, PA.				
8604	Corn and Oats Chop,	Charles C. Good Co., North Girard.	8.88	13.50	--------
	PETER GRAFF MILLING CO., WORTHINGTON, PA.				
9506	*Corn and Oats Chop,	Peter Graff Milling Co., Worthington.	10.93	11.44	--------
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
8643	Ground Corn and Oats,	Frank Trusler, Warren,	10.95	11.31	--------
	HAMMOND ELEVATOR CO., CORRY, PA.				
8650	Corn and Oats Chop,	Hammond Elevator Co., Corry.	11.68	11.75	--------
	J. C. HARRINGTON, MONTROSE, PA.				
9086	Harrington's Mills Corn and Oats Chop.	J. C. Harrington, Montrose.	9.65	11.63	10.00
	THE HEX MILLING CO., SHAMOKIN, PA.				
8423	*Corn and Oats Chop,	The Hex Milling Co., Shamokin.	10.82	10.44	--------
	J. F. HOGSETT & SONS, UNIONTOWN, PA.				
8971	*Chop,	J. F. Hogsett & Sons, Uniontown.	11.25	10.31	8.00
	W. H. HOLCOMB, GIRARD, PA.				
8606	Corn and Oats Chop,	W. H. Holcomb, Girard,	10.53	10.19	--------
	HONESDALE MILLING CO., HONESDALE, PA.				
8509	Corn and Oats Chop,	Honesdale Milling Co., Honesdale.	11.00	10.69	--------
	JOHNSON & COMPANY, FRANKLIN, PA.				
9438	Corn and Oats Chop,	Johnson & Co., Franklin,	9.47	10.75	--------
	KASCO MILLS, WAVERLY, N. Y.				
9011	No. 1 Provender,	Farmers' Cooperative Co., Inc., Wysox.	8.97	11.25	9.50
	KEYSTONE MILLS, EDINBORO, PA.				
8600	Corn and Oats Chop,	Keystone Mills, Edinboro,	11.00	10.75	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranted.	Found.	Guaranteed.				
4.17	--------	6.95	--------	1 60	Corn and oats, ----------	As certified, ----------	8651
4.61	4.05	3.85	9.42	2 40	Corn and oats, --------	As certified, ----------	9618
4.37	3.00	5.20	10.00	1 75	Corn and oats, --------	As certified, ----------	8080
4.98	4.00	7.37	8.00	2 50	Corn and oats, --------	As certified, ----------	9607
4.05	3.-4	3.23	--------	1 75	Corn and oats, --------	As certified, ----------	9067
4.55	--------	5.14	--------	1.60	Corn and oats, --------	As certified, ----------	8752
4.02	--------	7.42	--------	1 70	Corn and oats, --------	As certified, ----------	8604
4.66	--------	4.51	--------	1 85	Corn and oats, --------	As certified, ----------	9506
4.35	--------	8.12	--------	1 75	½ ground oats, ½ ground corn.	As certified, ----------	8643
4.40	--------	5.07	--------	1 60	Corn and oats, --------	As certified, ----------	8650
4.28	4.00	6.25	8.00	1 90	Corn and oats, --------	As certified, ----------	9086
5.03	--------	3.25	--------	2 00	Pure corn and oats, --	As certified, ----------	8423
4.56	3.00	3.13	8.00	1 75	Corn and oats, ----------	As certified, ----------	8071
4.40	--------	4.91	--------	1 60	Corn and oats, --------	As certified, ----------	8706
3.97	--------	4.70	--------	1 65	Pure corn and oats, --	As certified, ----------	8509
3.99	--------	4.40	--------	1 90	Corn and oats, --------	As certified, ----------	9438
4.46	3.50	8.82	5.00	1 90	Pure ground oats and corn.	As certified, ----------	9011
4.36	--------	6.84	--------	1 70	Corn and oats, ----------	As certified, ----------	8600

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
	H. H. LYSINGER & SON, BEDFORD, PA.				
9151	*Corn and Oats Chop,	H. H. Lysinger & Son, Bedford.	11.00	11.25	--------
	THE MCMILLEN COMPANY, FORT WAYNE, IND.				
9276	Wayne Corn and Oats Chop,	A. F. Grine, Beaver,	10.10	10.88	9.00
	MAUSDALE ROLLER MILLS, DANVILLE, PA.				
8412	Mixed Chop,	Mausdale Roller Mills, Mausdale.	11.42	10.00	9.00
	MT. JEWETT ELECTRIC MILLS, MT. JEWETT, PA.				
9316	*Corn and Oats Chop,	Mt. Jewett Electric Mills, Mt. Jewett.	10.86	11.50	-------
	MYSTIC MILLING & FEED CO., ROCHESTER, N. Y.				
9462	Crushed Oats and Ground Corn ½ and ½.	F. P. Case & Son, Troy,	9.42	11.69	--------
9463	Ground Corn and Oats ½ and ½,	F. P. Case & Son, Troy,	7.80	11.50	10.50
	OTTO BROTHERS, NORTH EAST, PA.				
8613	Corn and Oats Chop,	Otto Brothers, North East,	9.60	11.50	--------
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
9655	Corn and Oats Half and Half,	F. W. Dawson & Son, Williamsport.	9.03	10.75	10.00
	PAXINOS ROLLER MILLS, PAXINOS, PA.				
8416	Pure Corn and Oats Chop,	Vought Milling Co., Shamokin.	10.34	10.06	--------
	PAXTON FLOUR & FEED CO., HARRISBURG, PA.				
9127	Corn and Oats Chop,	Paxton Flour & Feed Co., Progress.	9.95	11.06	10.00
	PINE GROVE FLOUR & FEED MILLS, RUSSELL, PA.				
8647	*Corn and Oats Chop,	Pine Grove Flour & Feed Mills, Russell.	11.18	11.75	-------
	POLLOCK FLOUR & FEED CO., FORD CITY, PA.				
9503	*Corn and Oats Chop,	High Street Mills, Kittanning.	10.58	11.06	--------
	PRESTON BROTHERS, CANTON, PA.				
9488	Corn and Oats Chop,	Preston Brothers, Canton.	9.30	11.63	10.00
	THE RICHARDS & EVANS COMPANY, CORTLAND OHIO.				
9443	Pure Corn and Oats Chop,	Mercatoris & McCullough, Meadville.	8.60	11.06	10.00
	SHANE BROTHERS & WILSON CO., MINNEAPOLIS, MINN.				
9274	2 Ground Feed,	Hildebrand-Jones Co., New Brighton.	12.00	10.31	10.00
	SHERMAN MILLING COMPANY, MEADVILLE, PA.				
9449	*Corn and Oats Chop,	Sherman Milling Co., Meadville.	9.20	11.63	--------
	SPRINGBORO MILLING CO., SPRINGBORO, PA.				
8617	Corn and Oats Chop,	Springboro Milling Co., Springsboro.	9.98	11.13	--------
	JESSE C. STEWART COMPANY, PITTSBURGH, PA.				
8915	*Pure Corn and Oats Chop,	Hockey & McCurdy, Connellsville.	10.56	11.56	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.95	--------	4.99	--------	1 80	Corn and oats, --------	As certified, ----------	9151
4.46	3.00	7.57	9.00	2 00	Ground corn, ground oats.	As certified, ----------	9276
4.49	4.50	4.90	7.00	1 60	Corn and oats. --------	As certified, ----------	8412
4.38	--------	6.05	--------	1 85	Corn and oats, --------	As certified, ----------	9616
4.17	--------	4.82	--------	1 90	Crushed corn and ground oats.	Found also barley, ---	9462
4.57	4.50	8.51	7.25	1 90	Ground corn and oats.	Found also barley, ---	9463
5.61	--------	5.39	--------	1 55	Corn and oats, --------	As certified, ----------	8613
5.10	1.50	7.30	8.00	2 30	Corn and oats, ----------	As certified, ----------	9055
4.04	--------	5.54	--------	2 00	Pure corn and oats, ----	As certified, ----------	8416
4.12	4.00	3.34	6.00	2 00	Corn and oats, --------	As certified, ----------	9127
5.89	--------	7.15	--------	1 75	Corn and oats, --------	As certified, ----------	8647
4.30	--------	4.18	--------	1 90	Corn and oats, --------	As certified, ----------	9503
4.31	4.50	6.07	6.00	1 70	Pure corn and oats, ---	Found also small amount of buckwheat.	9488
4.90	7.00	5.02	10.00	1 90	Pure corn and oats, ----	As certified, ----------	9443
3.92	2.50	2.78	8.00	1 80	Corn and oats, --------	As certified, ----------	9274
4.73	--------	5.41	--------	1 80	Corn and oats, --------	As certified, ----------	9449
3.85	--------	5.40	--------	1 75	Corn and oats, --------	As certified, ----------	8617
3.70	--------	5.76	--------	1 85	Pure corn and oats, ---	As certified, ----------	8915

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
	TIONESTA MILLING CO., TIONESTA, PA.				
9588	Corn and Oats Chop,	Tionesta Milling Co., Tionesta.	10.69	10.25	--------
	UNION CITY COOPERATIVE ASSOCIATION, UNION CITY, PA.				
8654	*Corn and Oats Chop,	Union City Cooperative Association, Union City.	11.87	11.63	--------
	UNION COAL & SUPPLY CO., UNION CITY, PA.				
8656	Corn and Oats Chop,	Union Coal & Supply Co., Union City.	11.04	11.00	--------
	FLOYD VANDERVORT, LACEVILLE, PA.				
9029	Corn and Oats Chop,	Floyd Vandervort, Laceyville.	10.00	11.13	--------
	WARREN CITY MILLS, WARREN, PA.				
8641	Corn and Oats Chop,	Warren City Mills, Warren.	11.68	10.94	--------
		Average,	10.65	10.96	--------
	CORN, OATS AND BARLEY CHOP.				
	ACME-EVANS COMPANY, INDIANAPOLIS, IND.				
8556	Acme C. O. B. Chop,	Tyrone Milling Co., Tyrone.	9.08	9.63	8.00
	J. H. LAVERY'S SONS, FRANKLIN, PA.				
9437	Corn, Oats and Barley Chop,	J. H. Lavery's Sons, Franklin.	9.57	11.75	--------
		Average,	9.32	10.69	--------
	CHOP FEED.				
	ACME-EVANS COMPANY, INDIANAPOLIS, IND.				
9550	Acme C. O. B. Chop,	Homer City Feed Mills, Homer City.	9.03	10.88	10.00
8298	Acme C. O. B. Chop,	John O'Connor & Son, Houtzdale.	9.60	10.19	8.00
		Average,	9.31	10.54	--------
	THE AKRON FEED & MILLING CO., AKRON, OHIO.				
9379	Ohio Chop,	John S. Brown's Son, New Castle.	7.95	7.69	6.00
9071	Ohio Chop,	DuBois Milling Co., DuBois.	8.45	8.31	6.00
		Average,	8.20	8.00	--------
8614	Portage Fancy Mixed Feed,	Mead & Banister, North East.	11.35	12.88	12.00
	AMERICAN DEALERS TRADING CORPORATION, PEORIA, ILL.				
8947	Amdetra Chop Feed,	George B. Miller, Hollidaysburg.	8.72	8.94	8.00

*Not Registered,

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.51	--------	5.39	--------	1 90	Corn and oats, --------	As certified, ----------	9583
3.86	--------	5.28	--------	1.55	Corn and oats, --------	As certified, ----------	8654
4.32	--------	6.50	--------	1 60	Corn and oats, --------	As certified, ----------	8656
4.17	--------	6.50	--------	1 75	Half and half corn and oats.	As certified, ----------	9029
4.09	--------	4.50	--------	1 70	Corn and oats, --------	As certified, ----------	8641
4.55	--------	5.32	--------	1.83			
3.90	3.00	11.69	7.00	1.75	Corn, oats and barley.	As certified. ----------	8556
3.84	--------	5.97	--------	2.00	Pure corn, oats and barley.	As certified. ----------	9437
3.87	--------	8.83	--------	1.88			
4.08	4.00	9.82	9.00	1 80	Corn, oats, barley, oat hulls and salt.	Barley and salt not detected. Found also wheat bran and small amount ground grain screenings.	9550
4.25	4.00	10.26	7.00	1 85	Corn. oats, barley, oat hulls and salt.	As certified. ----------	8398
4.17	--------	10.04	--------	1 83			
2.80	2.00	14.43	12.00	1 65	Either white or yellow shelled corn, oat shorts, oat hulls, oat midddlings and one-half of one per cent. salt.	Both white and yellow corn present.	9379
2.88	2.00	14.94	12.00	1 60	Either white or yellow shelled corn, oat shorts, oat hulls, oat middlings and one-half of one per cent. salt.	As certified. ----------	9071
2.84	--------	14.68	--------	1 63			
3.90	3.00	4.62	9.00	1 85	White corn flour and wheat products.	As certified. ----------	8614
3.62	3.00	9.91	12.00	1 90	Corn feed meal, oat shorts, oat middlings, oat hulls.	As certified. ----------	8947

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	AMERICAN MILLING CO., PEORIA ILL.		%	%	%
9147	Ameo Chop Feed,	Dannals Milling Co., Altoona.	8.50	10.31	8.00
9377	Ameo Chop Feed,	W. W. Davidson & Son, Ellwood City.	9.00	8.81	8.00
9186	Ameo Chop Feed,	G. A. Schnelbach, E. E. Pittsburgh.	10.04	10.88	8.00
		Average,	9.18	10.00	--------
	BERGIN & CO., NANTICOKE, Pa.				
9402	Mixed Chop,	Bergin & Co., Nanticoke.	10.40	10.06	9.50
	J. S. BROWN & SON, LOYSBURG, PA.				
9149	Mixed Chop,	J. S. Brown & Son, Loysburg.	10.45	11.19	6.00
	FRED J. DYER & CO., CURWENSVILLE, PA.				
9066	*Rye and Oats Chop,	Fred J. Dyer & Co., Curwensville.	9.63	11.56	--------
	FAY MILLING CO., HOLLIDAYSBURG, PA.				
9153	*Mixed Chop,	Fay Milling Co., Hollidaysburg.	11.55	10.75	9.00
	FAYETTE MILLING & FEED CO., UNIONTOWN, PA.				
8969	Economy Chop,	Fayette Milling & Feed Co., Uniontown.	10.60	10.69	--------
	FAYETTEVILLE MILLING CO., FAYETTEVILLE, PA.				
8478	Mixed Feed,	Fayetteville Milling Co., Fayetteville.	10.50	14.31	--------
	GENERAL FLOUR & FEED CO., BUFFALO, N. Y.				
9064	Pure Quill C. & O. Feed,	W. G. Spencer, Clearfield.	8.74	11.44	9.00
	GOLDEN LEADER MILLING CO., MIDDLETOWN, PA.				
8537	Golden Leader Corn and Oats Chop,	Golden Leader Milling Co., Middletown,	10.91	10.44	10.00
	HARMONY CEREAL MILLS, HARMONY, PA.				
9376	*Toll Chop,	Harmony Cereal Mills, Harmony.	9.55	11.06	--------
	E. HELLYER, JR. ALEXANDRIA, PA.				
8366	Mixed Chop,	E. Hellyer, Jr. Alexandria.	11.47	11.19	9.00
	ROBERT JAMIESON & SON, FREDONIA, PA.				
9531	*Chop Feed,	Robert Jamieson & Son, Fredonia.	11.05	11.44	--------
	THE LAKE ERIE MILLING CO., TOLEDO, OHIO.				
8931	Mollett's C. O. & B. Chop,	Crescent Flour & Feed Co. Punxsutawney.	9.80	8.75	8-9

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat. Found.	Fat. Guaranteed.	Fiber. Found.	Fiber. Guaranteed.	Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
%	%	%	%	$			
4.16	3.00	10.73	12.00	2 10	Corn feed meal, oat shorts, oat middlings, oat hulls.	As certified.	9147
3.34	3.00	11.49	12.00	2 00	Corn feed meal, oat shorts, oat middlings, oat hulls.	As certified.	9377
4.30	3.00	9.74	12.00	1 75	Corn feed meal, oat shorts, oat middlings, oat hulls.	As certified.	9186
3.93	--------	10.65	--------	1 95			
4.60	3.50	5.59	5.50	2 05	Corn bran, corn, oats.	As certified.	9402
3.20	3.00	9.36	6–14	1.60	Corn oats, wheat middlings, wheat screenings and oat feed.	As certified. Oat feed included oat middlings & oat hulls.	9149
2.59	--------	4.37	--------	2 00	Rye and oats.	As certified.	9066
3.45	3.00	3.43	9.00	2 25	Corn, oats and mixed grain from toll.	Found also small amount barley, rye and buckwheat.	9153
3.99	--------	6.22	--------	1 50	Corn, oats and screenings.	As certified,	8969
4.68	--------	7.60	--------	2.00	Corn chop, oats chop, bran and middlings, cottonseed meal.	Found also small amount ground grain screenings.	8478
5.53	3.00	6.02	5.00	1 95	Crushed or ground oats, corn bran, corn feed meal, and cracked corn half and half.	As certified.	9664
3.65	4.00	7.18	5.50	1 60	Corn, cracked corn tailings, including bran and germ and oats.	As certified.	8537
3.67	--------	6.28	--------	1 50	Sweepings, screenings and tolls.	Toll grains including corn, wheat, oats, rye, buckwheat, mill sweepings and screenings.	9376
4.15	4.60	5.00	9.00	1 80	Corn, oats and screenings.	As certified.	8366
3.83	--------	4.42	--------	1 70	Corn, oats and screenings.	As certified.	9531
3.13	3–4	12.26	6–9	1 90	Corn, oats, oat hulls, oat groats, oat middlings, corn meal offal, barley and ½ of 1% salt.	As certified.	8931

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9556	Mollett's C. O. & B. Chop,	J. A. McKelvey, Blairsville.	7.18	9.00	8.00
8409	Mollett's C. O. & B. Chop,	J. O. Reed, Phillipsburg,	10.92	10.00	8-9
9253	Mollett's C. O. & B. Chop,	Wood & Inghram, Waynesburg.	9.64	9.81	8-9
		Average,	9.38	9.39	------
	H. H. LYSINGER & SON, BEDFORD, PA.				
9150	*Mixed Chop,	H. H. Lysinger & Son, Bedford.	9.91	11.13	------
	MCDONALD MILLING CO., MCDONALD, PA.				
9032	*Chop,	McDonald Milling Co., McDonald.	11.43	9.88	------
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
8477	Bull Brand Chop Feed,	Walker-Diehl & Walker, Chambersburg.	9.45	9.69	9.00
	I. J. PIZOR & SON, MERCER, PA.				
9423	*Chop Feed,	I. J. Pizor & Son, Mercer,	10.55	10.50	------
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
8853	Camp's C. O. & B. Chop Feed,	Cupp Grocery Co., Somerset.	10.45	9.69	9.00
9070	Camp's C. O. & B. Feed,	DuBois Milling Co., DuBois.	8.96	10.25	9.00
8771	Camp's C. O. & B. Chop Feed,	Frank Waltman, Chicora,	11.15	8.94	9.00
		Average,	10.18	9.63	------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.15	3.00	12.70	9.00	1.75	Corn, oats, oat hulls, oat groats, oat middlings, corn meal offal, barley and ½ of 1% salt.	As certified.	9556
3.93	3–4	6.58	6–9	1.75	Corn, oats, oat hulls, oat groats, oat middlings, corn meal offal, barley and ½ of 1% salt.	Barley not detected.	8409
3.85	3–4	12.01	6–9	1.50	Corn, oats, oat hulls, oat groats, oat middlings, corn meal offal, barley and ½ of 1% salt.	Salt not detected.	9253
3.77	-------	10.88	-------	1 73			
3.24	-------	7.61	-------	1 60	Corn, oats and screenings.	As certified,	9150
4.10	-------	4.29	-------	1 75	Corn and screenings.	Ground corn and ground grain screening.	9632
3.86	4.00	13.10	12.00	1 65	Ground barley, crushed or ground oats, ground corn, oat shorts and ¾ of 1% salt. Roughages, oat hulls (not to exceed 15%).	As certified.	8477
4.21	-------	7.31	-------	1 85	Corn and oats. (Buckwheat hulls that may be found in this came from mill).	Corn, oats and buckwheat.	9423
3.34	3.50	9.80	9.00	1 75	White or yellow corn, oats, barley, corn meal mill by-products, (fine meal and siftings), oat meal by-products, (oat groats oat middlings, oat hulls), ½ of 1% fine salt.	As certified.	8853
3.55	3.50	7.25	9.00	1 75	White or yellow corn, oats, barley, corn meal mill by-products, (fine meal and siftings), oat meal by-products, (oat groats, oat middlings, oat hulls, ½ of 1% fine salt.	As certified. Both white and yellow corn present.	9070
3.57	3.50	6.45	9.00	1 75	White or yellow corn, oats, barley, corn meal mill by-products, (fine meal and siftings), oat meal by-products, (oat groats, oat middlings, oat hulls,) ½ of 1% fine salt.	As certified. Both white and yellow corn present.	8771
3.49	-------	7.83	-------	1 75			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9450	Camp's Surprise Chop Feed, --------	C. P. Harris, Meadville,	7.75	9.38	9.00
	MISCELLANEOUS FEED.				
	COLLIS PRODUCTS COMPANY, CLINTON, IOWA.				
9407	Collis' Process Pure Dried Buttermilk.	Earley & Detweiler, Palmyra.	10.67	30.56	30.00
	HARRINGTON & COMPANY, DUSHORE, PA.				
9184	Harlax Condensed Buttermilk, ----	Thomas F. Piper Company, Philadelphia.	65.69	12.13	--------
	HERSHEY CREAMERY COMPANY, HARRISBURG, PA.				
8690	Chic-O-Lac, ----------	E. H. Zercher, Mt. Joy,	64.68	12.65	--------
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
8826	Black Hawk Wheat Germ Middlings,	Swope Brothers, Johnstown.	8.60	29.88	21.50
	THE JERSEE CO., MINNEAPOLIS, MINN.				
9191	Jersee Milk Food Compound, ------	New Castle Feed & Coal Co., New Castle.	10.80	16.81	9.00
	LACTEIN FOOD COMPANY, MODESTO, CAL.				
8892	Lactein Concentrated Buttermilk,	S. W. Brown, Philadelphia.	80.38	13.10	12.00
9183	Lactein Concentrated Buttermilk.	S. W. Brown Buttermilk Co., Philadelphia.	83.94	10.75	12.00
9600	Lactein Concentrated Buttermilk.	W. M. Painter, Elverson,	83.98	10.40	12.00
		Average, ----------	82.76	11.42	--------
	THE MANN BROTHERS CO., BUFFALO, N. Y.				
8635	Pure Ground Flaxseed, ----------	Woodward & Co., Upper Darby.	4.22	24.63	--------
	H. E. MOTTS COMPANY, CLEVELAND, OHIO.				
9091	*Mott's Feeding Tankage, ---------	Brown & Fassett, Montrose.	6.80	18.25	18.00
8734	*Mott's Feeding Tankage, ---------	George Walter & Sons, butler.	6.07	18.83	18.00
		Average, ----------	6.43	18.54	--------
	NEWSOME FEED & GRAIN CO., PITTSBURGH, PA.				
9061	Palmo Midds, ----------	Mitchell Milling Co., Clearfield.	7.60	16.88	16.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat. Found.	Fat. Guaranteed.	Fiber. Found.	Fiber. Guaranteed.	Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemists' number.
% 3.80	% 3.50	% 10.70	% 9.00	$ 1 65	White or yellow corn, oats, corn meal mill by-products, (fine meal and siftings), oat meal by-products (oat groats, oat middlings and oat hulls), wheat middlings and one-half of one per cent. fine salt.	As certified.	9450
8.79	5.50	-------	-------	8 50	Pure dried buttermilk.	As certified.	9407
3.64	-------	Total Solids. 34.31	-------	4 00	----------	Buttermilk and condensery residues.	9184
0.83	-------	Total Solids. 35.32	-------	3.25	----------	Condensery residues.	8690
10.97	8.75	2.45	3.25	2 30	Wheat germ middlings.	As certified.	8826
4.17	4.50	5.04	6.00	20 00	Powdered milk, St. John's bread, salt, starch, sugar, corn flour, flour middlings, dried blood, oxide of iron, calcium phosphate, anise.	Powdered milk and blood not detected.	9191
						Powdered milk and blood not detected.	9191
1.34	1.50	Total Solids. 19.62	-------	5 25	Concentrated buttermilk.	Modified buttermilk.	8892
1.39	1.50	16.06	-------	4 75	Concentrated buttermilk.	Modified buttermilk.	9183
1.54	1.50	16.02	17.00	4 25	Concentrated buttermilk.	Modified buttermilk.	9600
1.42	-------	17.23	-------	4.75			
34.21	-------	5.70	-------	10 00	Pure ground flaxseed.	As certified.	8635
4.15	4.00	0.91	11.00	2 00	----------	Garbage tankage composed largely of vegetable waste, with meat and bone residues & glass.	9091
5.91	4.00	9.33	11.00	1 75	----------	Garbage tankage composed largely of vegetable waste, with meat and bone residues & glass.	8734
5.03	-------	5.12	-------	1 88			
6.90	7.00	6.70	9.00	1 55	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.	As certified.	9061

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8623	Palmo Midds,	Newtown Feed & Grain Co., Newtown.	8.87	16.13	16.00
8787	Palmo Midds,	Parker Milling Co., Parkers Landing.	9.04	15.56	16.00
		Average,	8.50	16.19	--------
	SOUTHERN OIL & FEED MILLS, INC. PETERSBURG, VA.				
8862	Gubernut Concentrate,	Woodward & Co., Philadelphia.	7.51	47.63	47.00
8863	Gubernut Concentrate,	Woodward & Co., Philadelphia.	7.61	48.56	47.00
		Average,	7.56	48.10	--------
	PROPRIETARY POULTRY FEED.				
	SCRATCH FEED.				
	ACME-EVANS CO., INDIANAPOLIS, IND.				
9130	Acme Scratch Without Grit,	O. S. Ebersole & Co., Penbrook.	9.85	12.31	10.00
	AMERICAN MILLING CO., PEORIA ILL.				
9189	Tip Top Scratch Feed,	New Castle Feed & Coal Co., New Castle.	11.50	11.06	10.00
	ARCADY FARMS MILLING CO., CHOCAGO, ILL.				
8829	Riverside Scratch Feed,	Johnstown Milling Co., Johnstown.	10.35	11.50	10.00
	H. O. AYER, ULSTER, PA.				
9016	Mixed Grains for Poultry,	H. O. Ayer, Ulster,	11.73	10.56	10.00
	J. J. BADENOCH CO., CHOCAGO, ILL.				
8565	C-Er-Lay Fine Chick Feed No Grit,	E. M. Rutter & Co., New Holland.	12.76	10.69	9.50
8563	C-Er-Lay Poultry Feed No Grit,	E. M. Rutter & Co., New Holland.	10.98	10.63	9.50
	BLANK & GOTTSHALL CO., INC. SUNBURY, PA.				
8959	B. & G. Chick Food Invigorator,	The Hex Milling Co., Shamokin.	11.65	11.31	10.50

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.06	7.00	6.90	9.00	1 50	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.	As certified.	8623
6.98	7.00	6.88	9.00	1 00	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.	As certified.	8787
6.31	--------	6.82	--------	1.35			
8.15	2.50	4.01	5.00	4 50	Granulated machine dried fish scrap, granulated peanut oil cake.	Found also traces of peanut hulls.	8862
7.94	2.50	5.75	5.00	4 50	Ground machine dried fish scrap, peanut oil cake meal.	Found also traces of peanut hulls.	8863
8.05	--------	4.88	--------	4 50			
3.20	2.50	3.05	5.00	2 10	Wheat, cracked corn, buckwheat, barley, sunflower seed, Kaffir corn.	As certified.	9130
4.16	2.50	3.28	5.00	2.10	Wheat, corn, Kaffir, barley, oats, ½ of 1% sunflower seed.	Found also small amount whole weed seeds.	9189
3.99	2.50	2.80	5.00	2 50	Wheat, cracked corn, oats, barley, Kaffir corn, milo maize, buckwheat and sunflower seed.	As certified.	8829
3.41	3.00	3.17	5.00	2 10	Wheat, corn, Kaffir corn, or milo maize, buckwheat, barley and oats.	As certified.	9016
3.06	2.50	2.00	5.00	45 00	Cracked wheat, cracked corn, cracked Kaffir corn, millet seed, cracked milo maize and oat groats.	As certified.	8565
3.06	2.50	3,12	5.00	41 00	Wheat, cracked corn, Kaffir corn, milo maize, barley, oats, sunflower seed.	Sunflower seed not detected. Found also small amount whole weed seeds.	8563
3.85	2.25	2.41	3.50	2 75	Cracked corn, cracked wheat, cracked Kaffir corn, cracked milo maize, millet and cracked peas.	Peas not detected.	8959

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	P. G. BRENEMAN, COLUMBIA, PA.		%	%	%
8730	P. G. Breneman's Chick Feed, ------	P. G. Breneman, Columbia.	12.06	11.25	10.00
8731	P. G. Breneman's Hen Feed, --------	P. G. Breneman, Columbia.	13.24	9.63	10.00
	BROWN & FASSETT, TUNKHANNOCK, PA.				
9080	Scratch Feed, Clear Mixed Feed for Poultry Makes Hens Lay.	Brown & Fassett, Tunkhannock	10.35	11.50	8.00
	CARBANDALE MILLING CO., CARBONDALE, PA.				
8532	Pure Grain Chick Feed, ----------	Carbondale Milling Co., Carbondale.	10.14	11.44	--------
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
9314	Clover Leaf Mills Scratch Grains, --	Frank C. Lewis, Doylestown.	10.80	10.31	10.00
8708	Peerless Scratch Grains, ----------	The Goldsboro Pure Feed Co., Etters.	12.61	11.00	10.00
8381	Provo Scratch Grain, ----------	A. G. Smith, Mt Union,	11.00	9.81	10.00
	THE G. E. CONKEY COMPANY, TOLEDO, OHIO.				
9259	Conkey's Scratch Grain, ----------	Rochester Seed & Supply Co., Rochester.	11.50	10.94	9.75
	THE CORNO MILLS CO., ST. LOUIS, MO.				
8372	Nutro Hen Feed, ----------	Petersburg Grain, Feed & Supply Co., Petersburg.	10.90	10.19	10.00
8405	Nutro Hen Feed, ----------	Winburne Milling Co., Winburne.	11.55	10.00	10.00
		Average, ----------	11.22	10.10	--------
	DAYTON MILLING CO., TOWANDA, PA.				
8995	Scratch Grains, No Grit, ----------	Dayton Milling Co., Towanda.	11.30	11.44	10.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
9041	Globe Scratch Feed, ----------	S. E. Floyd & Son, Pittsburgh.	10.90	11.44	10.00
9346	Rival Scratch Feed, ----------	The Irvin Muir Co., Braddock.	10.10	10.44	9.50
	DIXIE MILLS CO., EAST ST., LOUIS, ILL.				
9290	Dixie Hen Feed, ----------	A. C. Godshall & Co., Inc., Lansdale.	10.80	11.06	10.00
9297	Dixie Hen Feed, ----------	A. C. Godshall & Co., Inc., Lansdale.	11.05	10.38	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
4.46	2.50	1.96	4.00	2 70	Wheat, corn, Kaffir, milo maize, millet.	As certified.	8730
3.30	2.50	2.61	4.00	2.40	Cracked corn buckwheat sunflower seed, barley, Kaffir corn, wheat, milo, maize.	As certified.	8731
3.40	3.00	3.33	4.00	2 25	Cracked corn, wheat, buckwheat, oats, Kaffir corn, barley and sunflower seed.	Found also small amount whole weed seeds.	9080
4.52	--------	4.02	--------	2 20	Wheat, cracked corn, oats, buckwheat, bar- and sunflower seed.	As certified.	8532
3.50	2.50	2.55	5.00	2 35	Wheat, cracked corn, Kaffir corn barley, oats, buckwheat, sunflower seed.	As certified.	9314
4.60	2.50	2.64	5.00	2 25	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat, sunflower seed.	As certified.	8708
3.43	2.50	2.14	5.00	2.50	Wheat, cracked corn Kaffir corn, barley, oats, buckwheat.	As certified.	8381
2.94	1.75	2.64	3.00	2 40	Wheat, cracked corn, Kaffir corn, barley, buckwheat and sunflower seed.	Sunflower seed not detected.	9259
3.72	3.00	2.50	3.00	--------	Wheat, cracked corn, barley, oats, Kaffir corn and buckwheat.	As certified.	8372
3.70	3.00	2.28	3.50	2 25	Cracked corn, wheat, Kaffir, barley, oats and buckwheat.	As certified.	8405
3.71	--------	2.39	--------	2 25			
3.49	3.00	3.24	5.00	2 25	----------	Cracked corn, oats, wheat, buckwheat & Kaffir corn.	8995
3.35	2.50	3.74	5.00	2 65	Corn, wheat, barley, Kaffir corn, buckwheat, linseed oil cake, sunflower.	As certified.	9041
3.34	2.50	3.28	5.00	2 25	Corn, wheat, barley oats, Kaffir corn and buckwheat.	As certified.	9346
4.31	3.00	2.92	5.00	2 40	Wheat, corn, Kaffir, milo, barley, buckwheat, oats, sunflour seed.	As certified.	9290
2.47	3.00	2.02	5.00	2 70	Wheat, corn, Kaffir, milo, barley, buckwheat, oats, sunflour seed.	As certified.	9297

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9321	Dixie Hen Feed,	Frank C. Lewis, Doylestown.	11.05	10.44	10.00
		Average,	10.96	10.63	--------
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
9392	Eshelman's Scratch Feed No Grit,	Gibbs Milling Co., Nanticoke.	10.00	10.50	10.00
8716	Eshelman's Scratch Feed No Grit,	Manchester Grange Cooperative Association, Emigsville.	10.90	11.00	10.00
9124	Eshelman's Scratch Feed No Grit.	Paxton Flour & Feed Co., Progress.	10.44	10.81	10.00
8682	Eshelman's Scratch Feed No Grit,	Pomona No. 3 Exchange West Chester,	13.68	11.06	10.00
8589	Eshelman's Scratch Feed No Grit	Jos. Walker & Sons Co., Gap.	11.08	10.94	10.00
		Average,	11.22	10.87	--------
8725	Imperial Scratch Feed No Grit,	H. A. Fishburn, Penbrook.	13.20	9.50	9.00
8186	Imperial Scratch Feed No Grit,	Woodward & Co., Philadelphia.	11.72	10.00	9.00
8634	Imperial Scratch Feed No Grit,	Woodward & Co., Upper Darby.	10.90	10.00	9.00
8872	Imperial Scratch Feed No Grit.	Woodward & Co., Darby,	10.50	10.31	9.00
		Average,	11.58	9.95	--------
9125	Imperial Scratch Feed 5% Grit,	Paxton Flour & Feed Co., Progress.	9.70	10.00	9.00
8724	Pennsy Scratch Feed No Grit,	H. A. Fishburn, Penbrook.	13.31	9.63	9.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.47	3.00	3.00	5.00	2 35	Wheat, corn, Kaffir, milo, barley, buckwheat, oats, sunflour seed.	As certified.	9321
3.42	--------	2.64	--------	2 48			
3.13	3.00	3.02	4.00	2 60	Cracked corn, wheat, Kaffir corn, barley, buckwheat, oats, ½ of 1% sunflour seed.	As certified.	9392
4.05	3.00	2.89	4.00	2 25	Cracked corn, wheat, Kaffir corn, barley, buckwheat, oats, ¾ of 1% sunflour seed.	As certified.	8716
3.23	3.00	3.00	4.00	2 40	Cracked corn, wheat, Kaffir corn, barley, buckwheat, oats, ½ of 1% sunflour seeds.	As certified.	9124
2.86	3.00	3.00	4.00	2 25	Cracked corn, wheat, Kaffir corn, barley, buckwheat, oats, ½ of 1% sunflour seeds.	Found also small amount wild oats.	8682
3.01	3.00	2.43	4.00	2 25	Cracked corn, wheat, Kaffir corn, barley, buckwheat, oats, rye, sunflour seed, recleaned grain screenings from wheat.	Found also small amount whole weed seeds.	8589
3.26	--------	2.86	--------	2 35			
3.77	3.00	2.38	4.00	2 15	Cracked corn, Kaffir corn barley, wheat, buckwheat, oats, ½ of 1% sunflour seed, recleaned grain screenings from wheat.	As certified.	8725
3.07	3.00	2.46	4.00	2 50	Cracked corn, Kaffir corn barley, wheat, buckwheat, oats, ½ of 1% sunflour seed, recleaned grain screenings from wheat.	Found also small amount whole weed seeds.	8486
3.65	3.00	2.72	4.00	2 35	Cracked corn, Kaffir corn barley, wheat, buckwheat, oats, ½ of 1% sunflour seed, recleaned grain screenings from wheat.	Found also small amount whole weed seeds.	8634
3.63	3.00	2.65	4.00	2 60	Cracked corn, Kaffir corn barley, wheat, buckwheat, oats, ½ of 1% sunflour seed, recleaned grain screenings from wheat.	Found also small amount small whole weed seeds.	8872
3.53	--------	2.55	--------	2 40			
3.53	3.00	2.64	4.00	2 25	Cracked corn, Kaffir corn, barley, wheat, buckwheat, oats, ½ of 1% sunflour seed, recleaned grain screenings from wheat, grit.	As certified.	9125
3.62	3.00	2.55	4.00	2 00	Cracked corn, barley, Kaffir corn, wheat, buckwheat, oats, recleaned grain screenings from wheat.	As certified.	8724

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8535	J. N. GELDER, CARBONDALE, PA. *Petaluma Poultry Feed,	J. N. Gelder, Carbondale,	11.78	11.75	--------
8538	GOLDEN LEADER MILLING CO., MIDDLETOWN, PA. Golden Leader Scratch Feed,	Golden Leader Milling Co., Middletown.	11.61	10.00	10.00
9083	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y. Grandin's Screened Scratch Feed No Grit.	J. C. Harrington Co., Montrose.	10.93	10.44	10.00
8768	HALES & HUNTER CO., CHICAGO ILL. Morning Glory Scratch Feed,	P J Oesterling & Son, Butler.	12.50	10.88	10.00
8506	EDWARD HENNING, S. PITTSBURGH, PA. Monitor Scratch Feed,	Edward Henning, S. Pittsburgh.	11.26	10.63	10.00
8421	THE HEX MILLING VO., SHAMOKIN, PA. Hen Food,	The Hex Milling Co., Shamokin.	10.37	9.81	8.00 to 10.50
8956	Hen Food,	The Hex Milling Co., Shamokin.	11.18	10.63	8.00 to 10.50
		Average,	10.77	10.22	--------
9222	HOFFER & GARMAN, HARRISBURG, PA. La-O-La Scratch Feed,	Hoffer & Garman, Harrisburg.	11.25	10.63	9.12
8508	HONESDALE MILLING CO., HONESDALE, PA. Choice Mixed Grain for Poultry,	Honesdale Milling Co., Honesdale.	12.05	10.13	9.00
9196	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL. Illinois Fancy Scratch Feed,	J. M. Brown & Co., N. S. Pittsburgh.	11.10	10.63	9.00
9088	KASCO MILLS, WAVERLY, N. Y. Apex Scratch Grain,	Andre & Sweet, Montrose.	9.93	10.63	10.00
9007	*Kasco Growing Grains,	Farmers' Cooperative Co., Inc., Wysox.	12.32	9.81	9.00
8706	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS. Blue Top Scratch Feed,	Alex Williamson, W. E. Pittsburgh.	11.60	10.44	9.00
8838	Cream City Scratch Feed,	G. F. Musser & Co., Bellfonte.	10.37	9.56	9.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
2.88	--------	3.99	--------	3 25	Barley, wheat, cracked corn, buckwheat, Kaffir corn, oats.	As certified. ----------	8535
3.49	2.50	3.38	5.00	2 60	Wheat, cracked corn, Kaffir corn, milo maize, buckwheat, oats and sunflour seed.	As certified. ----------	8538
3.18	2.50	3.02	5.00	2 40	Wheat, cracked corn, Kaffir corn, milo maize, barley, buckwheat and sunflour seed.	As certified. ----------	9083
3.47	2.50	3.02	5.00	2 30	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat and sunflour seed.	As certified. ----------	8768
4.96	2.50	4.20	3.00	2 25	Wheat, cracked corn, Kaffir corn, buckwheat, barley and sunflour seed.	As certified. ----------	8506
3.17	2-3	3.24	2-3	2 10	Wheat, cracked corn, oats, buckwheat, Kaffir corn and oyster shells.	As certified. ----------	8421
3.47	2-3	2.84	2-3	2 10	Wheat, cracked corn, barley, oats, buckwheat, Kaffir corn.	Found also trace whole weed seeds.	8956
3.32	--------	3.04	--------	2 10			
3.35	3-6	2.91	2.75 to 3.50	2 25	Cracked corn, buckwheat, oats, Kaffir corn and sunflour seed.	As certified. ----------	9222
3.54	3.00	3.50	3.00	40 00	Cracked corn, oyster shell, wheat, oats, Kaffir corn, whole corn.	Oyster shells not detected. Found also buckwheat.	8508
3.19	3.00	2.95	5.00	2 50	Cracked corn, wheat, milo, buckwheat, barley and sunflour seed.	As certified. ----------	9196
3.41	3.00	2.72	5.00	2 28	Cracked corn, wheat, barley, buckwheat, Kaffir corn or milo maize, sunflower seed.	As certified. ----------	9088
2.53	3.00	2.80	5.00	2 50	Wheat, cracked corn, milo maize or Kaffir corn, buckwheat.	As certified. ----------	9007
3.69	1.50	3.17	5.00	2 25	Wheat, corn, milo maize or Kaffir corn, barley, oats, buckwheat and sunflower seed.	As certified. ----------	8706
3.23	1.50	2.54	5.00	2 25	Wheat, corn, Kaffir corn or milo maize, barley, oats, buckwheat and buckwheat screenings, sunflower seed and grit.	As certified. ----------	8838

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed
			%	%	%
9193	Cream City Scratch Feed,	New Castle Feed & Coal Co., New Castle.	11.65	11.00	9.00
		Average,	11.01	10.28	--------
8442	Krause Scratch Feed No Grit,	Joseph Burkholder, Hummelstown.	10.40	11.63	9.00
9313	Krause Scratch Feed No Grit,	Frank C. Lewis, Doylestown.	10.20	10.63	9.00
		Average,	10.30	11.13	--------
	LANCASTER MILL & ELEVATOR CO., LANCASTER, PA.				
8661	Lancaster Scratch Feed No Grit,	Fred L. Lemont, Philadelphia.	12.77	10.31	10.00
	LEVAN & SONS, COLUMBIA, PA.				
8729	Levan & Sons' Blue Ribbon Poultry Feed.	Columbia Milling Co., Columbia.	13.08	10.38	6-8
	MARTIN & CO., ALTOONA, PA.				
8948	Liberty Standard Mixed Grains,	Martin & Company, Altoona.	9.82	11.63	9.00
	C. P. MATTHEWS & SONS, INC., SCRANTON, PA.				
8798	Best Mixed Grain for Little Chickens,	C. P. Matthews & Sons, Inc., Wilkes-Barre.	9.30	11.75	10.00
8797	Premium Chicken Feed,	C. P. Matthews & Sons, Inc., Wilkes-Barre.	11.15	11.31	8.00
8799	Wyandotte Scratch Grain,	C P. Matthews & Sons, Inc., Wilkes-Barre.	10.72	11.06	8.00
	THE McMILLEN CO., FORT WAYNE, IND.				
9430	Universal Scratch Grain,	Frank Day, Farrell,	8.02	10.19	10.00
8691	Wayne Scratch Feed,	Beckerstaff & Todd, Woodlawn.	12.62	10.50	10.00
8517	Wayne Scratch Feed,	Wayne Milling Co., Honesdale.	10.67	10.75	10.00
8555	Wayne Scratch Feed,	West Side Feed Co., Erie.	11.72	11.19	10.00
		Average,	11.67	10.81	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.09	1.50	2.66	5.00	2 10	Wheat, corn, Kaffir corn or milo maize, barley, oats, buckwheat, buckwheat screenings and sunflower seed.	Found also small amount small whole weed seeds and vetch.	9193
3.16	--------	2.60	--------	2 18			
3.19	2.50	3.05	5.00	2 25	Wheat, corn, Kaffir corn or milo maize, barley, buckwheat, sunflower seed.	Found also oats. ----	8442
3.05	1.50	2.91	5.00	2 35	Wheat, corn, Kaffir corn or milo maize, barley, buckwheat, sunflower seed.	As certified. ----------	9313
3.12	--------	2.98	--------	2 30			
3.34	3.00	2.64	4.00	2 50	Cracked corn, wheat, Kaffir corn, barley, buckwheat, oats, rye, sunflower seed, recleaned grain screenings from wheat.	Found also small amount small whole weed seeds.	8661
4.05	2–3	2.85	5–6	2 50	Buckwheat, wheat, Kaffir corn, barley, sunflower seed, oats, cracked corn.	As certified, ----------	8759
3.75	4.00	3.41	4.00	2 70	Cracked corn, barley, oats, Kaffir corn, peas and sunflower seed.	As certified, ----------	8948
3.01	2.50	3.14	5.00	2 80	Cracked corn, hulled oats, cracked wheat, cracked Kaffir corn, millet.	As certified, ----------	8798
4.62	2 00	4.24	5.00	2 40	Kaffir corn, buckwheat grains, wheat, cracked corn, barley, sunflower seeds.	As certified, ----------	8797
3.79	2.00	4.00	5.00	2 20	Cracked corn, wheat, buckwheat grain, Kaffir corn, barley, oats, grit and oyster shells, sunflower seeds.	As certified, ----------	8799
3.78	3.00	2.31	5.00	2 10	Cracked corn, wheat, barley, Kaffir, milo oats, buckwheat, sunflower seed.	As certified, ----------	9430
3.38	3.00	2.53	4.50	2 50	Wheat, corn, Kaffir, milo, barley, oats, buckwheat and sunflower.	As certified, ----------	8691
4.58	3.00	3.61	4.60	2 25	Wheat, corn, Kaffir, milo, barley, oats, buckwheat and sunflower.	Found also small amount whole weed seeds.	8517
3.84	3.00	2.45	4 60	2 50	Wheat, corn, Kaffir, milo, barley, oats, buckwheat and sunflower.	Found also trace whole weed seeds.	8595
3.93	--------	2.86	--------	2 42			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	McQUISTON BROS. CO., MEADVILLE, PA.		%	%	%
9446	Imperial Scratch Grains,	McQuiston Brothers Co., Meadville.	10.00	10.00	10.00
	MINER-HILLARD MILLING CO., WILKES-BARRE, PA.				
8814	Little Chick Feed,	Miner-Hillard Milling Co., Wilkes-Barre.	10.77	12.31	8.00
8807	Mixed Chicken Feed,	Miner-Hillard Milling Co., Wilkes-Barre.	10.31	10.06	8.00
9647	Mixed Chicken Feed,	Miner-Hillard Milling Co., Plymouth.	8.75	10.00	8.00
		Average,	9.53	10.03	--------
8808	No. 1 Scratch Feed,	Miner-Hillard Milling Co., Wilkes-Barre.	10.94	10.31	8.00
9646	No. 1 Scratch Feed,	Miner-Hillard Milling Co., Plymouth.	10.59	10.94	8.00
		Average,	10.76	10.63	--------
	MYSTIC MILLING & FEED CO., ROCHESTER, N. Y.				
9467	*Mystic Intermediate Feed,	F. P. Case & Son, Troy,	9.99	11.69	12-14
9466	Mystic Scratching Grains,	F. P. Case & Son, Troy,	9.50	11.56	10-12
9475	Mystic Scratching Grains,	Farmers' & Consumers' Commercial Union, Troy,	11.24	11.69	10-12
		Average,	10.37	11.63	--------
	NOWAK MILLING CORPORATION, BUFFALO, N. Y.				
9517	Domino Formerly Justice Developing Feed.	Muth Brothers, Elizabethtown.	10.21	12.19	8.00
9518	Domino Pigeon Feed,	Muth Brothers, Elizabethtown.	11.05	15.06	10.00
9131	Marathon Scratch Feed,	O. S. Ebersole & Co., Penbrook.	10.16	10.81	10.00.

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.41	2.50	2.95	5.00	2 25	Wheat, corn, barley, oats, Kaffir corn, buckwheat and sunflower seed.	As certified, ----------	9446
3.79	2.00	1.94	4.00	2 70	Cracked wheat, cracked peas, cracked corn, cracked Kaffir, cracked milo maize, millet.	As certified, ----------	8814
3.28	2.00	2.60	4.00	2.10	Coarse hominy, Kaffir corn, buckwheat grain, wheat, cracked corn, grit, cracked peas, sunflower seeds, barley, milo maize.	As certified, ----------	8807
3.84	2.00	2.96	4.00	2 40	Coarse hominy, grit, Kaffir corn, cracked peas, buckwheat grain, sunflower seed, wheat, barley, cracked corn.	As certified, ----------	9647
3.56	--------	2.78	--------	2.25	----------		
3.97	2.00	2.90	4.00	2 20	Milo maize, wheat, coarse hominy, cracked corn, Kaffir corn, cracked peas, buckwheat grain, sunflower seed, barley.	Found also small amount of whole weed seeds.	8808
3.46	2.00	3.68	4.00	2 50	Milo maize, wheat, coarse hominy, cracked corn, Kaffir corn, cracked peas, buckwheat grain, sunflower seed, barley.	Found also small amount of whole weed seeds.	9646
3.72	--------	3.29	--------	2 35			
3.31	2.5-4	2.59	3.-4.	2 60	----------	Corn, oats wheat, barley, buckwheat and Kaffir corn.	9467
3.59	2-3	3.59	2.-3.5	2 20	----------	Corn, oats, wheat, barley, buckwheat, Kaffir corn, sunflower seed and small amount whole weed seeds.	9466
3.50	2-3	3.79	2.-3.5	2 25	----------	Corn, oats, wheat, barley, buckwheat, sunflower seed and small amount whole weed seeds.	9475
3.55	--------	3.64	--------	2 23			
2.58	2.50	2.85	5.00	2 60	Hulled oats, green peas, chick cracked wheat and cracked corn.	Found also buckwheat, Kaffir corn and small amount whole weed seeds.	9517
2.41	3.00	4.38	5.00	2 85	Wheat, milo maize, buckwheat and field peas.	Found also oats, barley and small amount whole weed seeds.	9518
3.64	3.00	2.47	5.00	2 50	Cracked corn, milo maize, wheat, barley, buckwheat, sunflower seed.	As certified, ----------	9131

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	THE PARK & POLLARD CO., BUFFALO, N. Y.		%	%	%
9658	Intermediate Chick Feed, ----------	F. W. Dawson & Son, Williamsport.	10.88	11.00	10.00
8871	Intermediate Chick Feed, ----------	Woodward & Co., Darby,	10.45	12.69	10.00
		Average, ----------	10.66	11.85	--------
9197	P. P. Screened Scratch Feed, ------	J. M. Brown & Co., N. S. Pittsburgh.	10.85	10.63	10.00
8590	P. P. Screened Scratch Feed, ------	William Densmore, Erie,	10.87	10.50	10.00
		Average, ----------	10.86	10.57	--------
9661	Red Ribbon Scratch Feed, ---------	F. W. Dawson & Son, Williamsport.	10.85	10.31	10.00
8455	Red Ribbon Scratch Feed, ---------	W. & H. Rhoads, Norristown.	10.59	10.50	10.00
8633	Red Ribbon Scratch Feed, ---------	Woodward & Co., Upper Darby.	11.27	12.44	10.00
		Average, ----------	10.90	11.08	--------
	PHELPS & SIBLEY CO., CUBA, N. Y.				
8528	Favorite Mixed Grains, ----------	C. Ditchburn's Sons, Carbondale.	11.91	10.88	10.00
	POLO MILLS CO., EAST ST. LOUIS, ILL.				
8697	Holsum Hen Feed, ----------	Woodlawn Flour & Feed Co., Woodlawn.	10.40	10.06	10.00
	PRAIRIE STATE MILLING CO., CHICAGO, ILL.				
9246	Early Egg Scratch Feed, ---------	Washington Milling Co., Washington.	10.48	10.94	9.00
9247	Economical Scratch Feed, ---------	Washington Milling Co., Washington.	11.83	10.88	9.00
9350	Prairie State Developing Feed, ----	Beech & Tetlow, E. Pittsburgh.	10.10	11.06	9.00
	PRATT FOOD CO., PHILADELPHIA, PA.				
8884	Victory Pratt's Scratch Feed, ------	S. S. Detweiler, Quakertown.	8.05	11.13	10.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
2.95	1.50	2.41	5.00	3 40	Corn, hulled barley, wheat, buckwheat, hulled oats, millet seed, Kaffir corn, milo maize.	As certified,	9.58
3.84	1.50	2.32	5.00	3 75	Corn, hulled barley, wheat, buckwheat, hulled oats, millet seed, Kaffir corn, milo maize.	As certified,	8871
3.40		2.36		3 58			
3.73	1.50	2.57	5.00	2 50	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo and sunflower seed.	As certified,	9297
3.20	1.50	2.67	5.00	2 10	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo and sunflower seed.	Found also small amount of whole weed seeds.	8590
3.51		2.62		2 30			
2.93	1.50	3.00	5.00	2 65	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize and sunflower seed.	As certified,	9661
3.41	1.50	2.83	5.00	2 35	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize and sunflower seed.	As certified,	8455
3.52	1.50	3.44	5.00	2 40	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize and sunflower seed.	As certified,	8633
3.29		3.09		2 47			
3.00	2.50	2.60	5.00	1 90	Cracked corn, wheat, buckwheat, Kaffir, sunflower seed and barley.	Found also small amount of whole weed seeds.	8528
4.07	3.00	2.71	5 00	2 25	Corn, wheat, oats, barley, Kaffir corn, milo maize and sunflower seed.	As certified,	8697
3.50	2.50	3.07	4.00	2 60	Wheat, sifted cracked corn, barley, oats, Kaffir corn and buckwheat.	As certified,	9246
3.84	2 50	2.77	4.00	1 90	Wheat, sifted cracked corn, barley, oats, Kaffir corn and buckwheat.	As certified,	9247
3.51	2 50	2.30	4.00	2 50	Whole wheat, medium sifted cracked corn, Kaffir corn, millet seed.	As certified,	9350
3.25	2 50	2.94	5 00	2 40	Wheat, oats, cracked corn, barley, Kaffir, milo, buckwheat and sunflower seed.	Found also vetch seed,	8804

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9489	PRESTON BROS., CANTON, PA. Preston's Best Scratch Grains, -----	Preston Brothers, Canton,	10.07	11.19	8.00
9451	PRESTON & JAQUISH, TROY, PA. Mixed Grains for Poultry, --------	Preston & Jaquish, Troy,	9.85	11.00	9.50
9141	THE QUAKER OATS CO., CHICAGO, ILL. Ful-O-Pep Coarse Chick Feed, ------	John B. Curry's Sons, Swatara.	10.55	11.75	10.00
8878	Ful-O-Pep Coarse Chick Feed, ------	H. E. McKissick, Darby,	11.73	11.44	10.00
		Average, ----------	11.14	11.60	--------
8877	Ful-O-Pep Fine Chick Feed, ------	H. E. McKsisick, Darby,	10.00	12.81	10.00
8791	Schumacher Chick Size, ----------	William Fairlie, East Brady.	11.19	10.25	9.00
8698	Schumacher's Little Chick Feed, ---	Woodlawn Flour & Feed Co., Woodlawn.	11.16	10.63	9.00
8879	Schumacher Scratch Grains Hen Size No Grit.	H. E. McKissick, Darby,	11.07	11.63	9.00
8904	RALSTON-PURINA CO., INC., ST. LOUIS, MO. Purina Hen Chow (Scratch Feed),--	L. W. Danenhower, Southampton.	11.65	11.50	10.00
9132	Purina Hen Chow (Scratch Feed),--	O. S. Ebersole & Co., Penbrook.	10.73	11.63	10.00
9040	Purina Hen Chow (Scratch Feed,--	Plymouth Mill & Grain Co., Plymouth.	10.46	10.31	10.00
8434	Purina Hen Chow (Scratch Feed),--	E. Strickler's Sons, Lebanon.	10.63	11.88	10.00
9366	Purina Hen Chow (Scratch Feed),--	S. G. Updegraff & Son, Williamsport.	11.30	10.75	10.00
		Average, ----------	10.95	11.21	--------
9231	JOHN B. RIGGS, SHIPPENSBURG, PA. Scratch Feed, ----------	John B. Riggs, Shippensburg.	11.00	10.81	--------
9483	H. ROCKWELL & SON, CANTON, PA. Mixed Grains For Poultry, --------	H. Rockwell & Son, Canton.	10.84	10.44	8.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.51	3.00	4.54	4.50	1 95	Cracked corn, oats, buckwheat, wheat, sunflower seed.	As certified, ----------	9489
2.94	2.50	4.68	4.50	2 00	Cracked corn, wheat, buckwheat and oats.	As certified, ----------	9451
2.06	2.00	1.92	5.00	2 90	Cracked corn, whole wheat, whole milo maize, whole Kaffir corn, oat groats, buckwheat.	As certified, ----------	9141
2.34	2.00	1.82	5.00	3 20	Cracked corn, whole wheat, whole milo maize, whole Kaffir corn, oat groats, buckwheat.	As certified, ----------	8878
2.20	--------	1.87	--------	3 05			
3.73	3.00	1.00	2.50	3 20	Cracked corn, cracked wheat and oat meal.	Oat meal identified as uct oat groats.	8877
1.72	2.00	1.12	3.00	3 50	Cracked corn, cracked wheat, cracked Kaffir corn, cracked milo maize, oat meal, millet seed.	As certified, ----------	8791
2.00	2.00	1.44	3.00	3 00	Cracked corn, cracked wheat, cracked Kaffir corn, cracked milo maize, oat meal and millet seed.	Oat meal identified as cracked oat groats.	8698
2.25	2.00	2.75	5.00	2 45	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat and ½ of 1% sunflower seed.	As certified, ----------	8879
3.46	2.50	2.87	4.00	2 75	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower.	As certified, ----------	8904
3.66	2.50	2.97	4.00	2 75	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower.	As certified, ----------	9132
4.09	2.50	3.39	4.00	2 75	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower.	As certified, ----------	9640
4.05	2.50	3.04	4 00	2 20	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower.	As certified, ----------	8434
3.40	2.50	3.11	4.00	2 75	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower.	As certified, ----------	9366
3.71	--------	3.07	--------	2 64			
3.85	--------	6.69	--------	2 20	Corn, wheat, oats, barley, buckwheat, sunflower seed and Kaffir corn.	Found also small amount weed seeds, largely wild oats.	9331
3.72	2.00	3.20	5.00	2 25	Wheat, corn, oats, buckwheat, Kaffir corn.	As certified, ----------	9483

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	SCUREMAN MILLING COMPANY, WILKES-BARRE, PA.		%	%	%
9564	Tip Top Poultry Feed,	Scureman Milling Company, Wilkes-Barre.	10.27	10.69	10.00
	SMITH MILLING CO., MILWAUKEE, WIS.				
8808	Vitex Baby Chick,	Woodward & Co., Darby.	11.56	11.25	10.00
	D. A. STICKELL & SONS, HAGERSTOWN, MD.				
9213	Blue Ridge Scratch Grains,	Greer Bros., Philadelphia.	11.70	11.56	10.00
8717	Victor Scratch Grains,	Manchester Grange Cooperative Association, Emigsville.	11.75	11.00	10.00
	THOMAS-POYCE DIRECT FEED CO., INC., ATTICA, N. Y.				
8675	Direct Scratch Feed,	Pomona No. 3 Exchange, West Chester.	12.77	10.38	10.00
8568	Fair Play Scratch Feed,	S. Book & Brother, Quarryville.	12.83	10.13	10.00
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
8620	Derby Scratch Feed,	Newtown Feed & Grain Co., Newtown.	12.25	11.38	9.00
8895	Derby Scratch Feed,	A. L. Stout, Churchville,	11.32	10.50	9.00
		Average,	11.78	10.94	--------
8625	Ti-O-Ga Chick Feed,	Newtown Feed & Grain Co., Newtown.	12.94	11.25	10.00
8898	Ti-O-Ga Chick Feed,	A. L. Stout, Churchville,	11.90	11.56	10.00
		Average,	12.42	11.41	--------
8896	Ti-O-Ga Growing Grains,	A. L. Stout, Churchville,	11.01	10.13	10.00
8521	Ti-O-Ga Growing Grains,	Wayne Milling Co., Honesdale.	11.93	10.38	10.00
		Average,	11.47	10.26	--------
8521	Ti-O-Ga Poultry Grains,	Wayne Milling Co., Honesdale.	11.63	10.25	9.00
	F. E. TRUCKENMILLER, WATSONTOWN, PA.				
9361	Satin Hen Food,	King Feed Co., Williamsport.	10.80	9.63	9.31
9095	Satin Hen Food,	Sterling & Sherwood, Meshoppen.	11.75	11.00	9.31
		Average,	11.27	10.32	--------
	C. B. TYLER, MESHOPPEN, PA.				
8978	Red Hen Mixed Chicken Grains,	C. B. Tyler, Tunkhannock.	10.80	10.88	16.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat. Found.	Fat. Guaranteed.	Fiber. Found.	Fiber. Found.	Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
%	%	%	%	$			
3.89	2.50	3.41	5.00	2 60	Cracked corn, Kaffir corn, wheat, buckwheat, barley and sunflower seed.	As certified, ----------	9564
4.14	3.00	2.51	4.00	3 00	Cracked corn, wheat, Kaffir corn, milo, millet and oat groats.	As certified, ----------	8868
3.20	2.50	2.57	5.00	3 25	Wheat, buckwheat, barley, milo maize or Kaffir, cracked Indian corn and sunflower seeds.	Found also small amount of whole weed seeds.	9213
3.79	2.50	2.29	5.00	1 90	Wheat, wheat screenings, corn, milo, Kaffir, barley.	As certified, ----------	8717
3.35	2.75	3.00	5.00	2 25	Wheat, corn, milo or Kaffir corn, barley and buckwheat.	As certified, ----------	8675
2.66	2.50	2.40	5.00	2 00	Wheat, corn, milo or Kaffir corn, barley, buckwheat, sunflower.	As certified, ----------	8568
3.79	2.04	3.27	5.50	2 30	Cracked corn, barley, Kaffir corn, wheat, buckwheat, oats.	As certified, ----------	8620
3.39	2.04	3.17	5.50	2 25	Cracked corn, barley, Kaffir corn, wheat, buckwheat, oats.	As certified, ----------	8895
3.59	--------	3.22	--------	2 28			
2.86	3.00	1.02	3.50	2 60	Oat meal, cracked wheat, cracked Kaffir corn, cracked corn.	As certified, ----------	8625
4.19	3.00	1.55	3.50	2 75	Oat meal, cracked wheat, cracked Kaffir corn, cracked corn.	As certified, ----------	8898
3.53	--------	1.28	--------	2 68			
2.96	3.00	1.89	4.00	2 50	Oat groats, wheat, milo maize, cracked corn.	As certified, ----------	8896
2.74	3.00	1.48	4.00	2 50	Oat groats, wheat Kaffir corn, cracked corn.	As certified, ----------	8521
285	--------	1.68	--------	2 50			
3.29	2.08	3.04	4.79	2 25	Cracked corn, oats, Kaffir corn, wheat, barley, buckwheat and sunflower seed.	As certified, ----------	8524
3.62	3.45	2.96	3.00	2 40	Sunflower seed, oats, buckwheat, cracked corn, wheat, wheat screenings.	Found also small amount of whole weed seeds.	9361
3.33	3.45	2.75	3.00	2 50	Sunflower seed, oats, buckwheat, cracked corn, wheat, wheat screenings.	As certified, ----------	9095
3.48	--------	2.85	--------	2 15			
4.02	1 00	2.99	5.00	2 25	Wheat, corn, buckwheat grains, Kaffir corn, oats.	Found also small amount whole weed seeds, largely wild oats.	8978

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	THE UBIKO MILLING CO., CINCINNATI, OHIO.		%	%	%
9143	Ubiko Chick Feed,	John B. Curry's Sons, Swatara.	11.14	11.50	10.00
9408	Ubiko Scratch Feed No Grit,	Earley & Detweiler, Palmyra.	10.00	11.81	10.00
	GEORGE WALTER & SONS, BUTLER, PA.				
8735	*Byrite Scratch Feed,	George Walter & Sons, Butler.	12.09	10.44	6–10
	WALTON BROTHERS, PHILADELPHIA, PA.				
8687	Peerless Scratch Feed,	Joseph Finney, Holland,	13.13	10.75	9.00
9214	Peerless Scratch Feed,	Greer Brothers, Philadelphia.	12.72	11.88	9.00
8494	Peerless Scratch Feed,	John G. Schaal's Sons, Philadelphia.	11.03	10.44	9.00
		Average,	12.29	11.02	--------
	MASH FEED.				
	ACME-EVANS COMPANY, INDIANAPOLIS, IND.				
8403	Acme Egg Mash,	Winburne Milling Co., Winburne.	9.30	18.69	16.00
	AMERICAN MILLING CO., PEORIA, ILL.				
8861	Suerene Buttermilk Egg Mash,	J. E. Crisman, South Fork.	9.28	19.63	18.00
9146	Suerene Buttermilk Egg Mash,	Dannals Milling Co., Altoona.	8.68	19.50	18.00
		Average,	8.98	19.57	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
3.17	2.50	1.43	5.00	2 60	Corn, wheat, oat groats, Kaffir corn.	As certified, ----------	9143
3.60	2.50	3.35	5.00	2 25	Corn, wheat, oats, barley, buckwheat, Kaffir corn, sunflower seed.	As certified, ----------	9408
3.56	2–4	3.40	4–10	2 35	Cracked corn, wheat, oats, barley, buckwheat.	Found also Kaffir corn.	8735
2.98	2.50	2.47	5.00	2 60	Corn, wheat, buckwheat, barley, oats, Kaffir corn or milo maize.	Found also small amount of whole weed seeds.	8678
2 50	2.50	2.86	5.00	2 35	Corn, wheat, buckwheat, barley, oats, Kaffir corn or milo maize.	As certified, ----------	9214
3.53	2.50	2 96	5.00	2 50	Corn, wheat, buckwheat, barley, oats, Kaffir corn or milo maize.	As certified, ----------	8494
3.00	--------	2.76	--------	2 48			
5.35	4.00	5.73	8.00	2 75	Milk albumen, corn meal, hominy meal, wheat bran, wheat middlings, alfalfa meal, beef scraps, linseed oil meal and ground oats, hominy, corn feed meal.	As certified, ----------	8403
5.07	3.50	8.42	10.00	3 50	Dried buttermilk, corn feed meal, meat scraps, linseed meal, wheat middlings, alfalfa meal, wheat bran, ground oats, ground and holted wild buckwheat, salt and calcium carbonate.	Found also Kaffir corn and screenings oil cake meal.	8861
4.38	3.50	8.36	10.00	3 50	Dried buttermilk, corn feed meal, meat scraps, linseed oil meal (may contain screenings oil feed), wheat middlings, wheat bran, (bran and middlings may contain mill run screenings), alfalfa meal, ground oats, 1% salt and 3% calcium carbonate.	Meat scrap not detected. Found also tankage and large amount ground grain screenings and screenings oil feed meal.	9146
4.73	--------	8.39	--------	3 50			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
8830	Aready Wonder Mash with Buttermilk.	Johnstown Milling Co., Johnstown.	9.55	18.50	20.00
	H. O. AYER, ULSTER, PA.				
9017	Laying Mash, ----------	H. O. Ayer, Ulster, -----	9.60	21.50	18.00
	J. J. BADENOCH CO., CHICAGO, ILL.				
8564	Egg-A-Day Dry Mash, ----------	E. M. Rutter & Co., New Holland.	10.18	19.94	18.00
	BROWN & FASSETT, TUNKHANNOCK, PA.				
9074	Favorite Dry Mash, ----------	Brown & Fassett, Tunkhannock.	9.13	20.81	18.00
	CLOVER LEAF MILLING CO., BUFFALO, N. Y.				
9072	Clover Leaf Mills Egg Mash, ------	DuBois Milling Co., DuBois.	8.90	21.81	18.00
9031	Clover Leaf Mills Egg Mash, ------	Floyd Vandervort, Laceyville.	10.71	20.25	18.00
		Average, ----------	9.80	21.03	------
	G. E. CONKEY CO., TOLEDO, OHIO.				
9049	Conkey's Buttermilk Laying Mash,	C. J. Cleland, E. E. Pittsburgh.	9.81	19.13	18.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.16	% 4.50	% 6.87	% 8.00	$ 3 30	Meat scraps, dried buttermilk, O. P. linseed oil meal, cottonseed meal, oat meal, corn gluten feed, wheat bran and wheat middlings with ground screenings not exceeding mill run, alfalfa meal, corn feed meal, bone meal, ½ of 1% salt.	As certified, ----------	8830
5.74	4.00	6.16	9.00	2 40	Wheat bran, wheat middlings, corn gluten feed, corn, ground oats and meat scraps.	As certified, ----------	9017
4.30	3.00	8.20	11.00	45 00	Wheat, oats, barley, wheat bran, wheat middlings, alfalfa, buckwheat middlings, milo maize, corn feed meal, fish, meat and bone meal, salt, calcium carbonate and phosphate.	Found also ground Kaffir corn, tankage and small amount ground grain screenings.	8564
5 43	5.00	8.37	7.00	2 25	Bran, middlings, corn meal, ground oats, beef scrap, alfalfa meal, gluten, oil meal, charcoal and salt.	As certified, ----------	9074
5.77	4.00	8.15	11.00	3 50	Pure O. P. linseed meal, ground oat meal, meat meal, fish meal, corn feed meal, corn gluten feed, wheat bran, wheat middlings, alfalfa meal, dried buttermilk and ½ of 1% salt.	As certified, ----------	9072
5.83	4 00	8 71	11.00	2 90	Linseed meal, old process, corn feed meal, ground oat meal, meat meal, alfalfa meal, wheat bran, wheat middlings, ½ of 1% fine table salt and dried buttermilk.	As certified, ----------	9031
5.80	--------	8.43	--------	3 20			
5.30	4.00	5.25	6.00	3 50	Butttermilk, corn meal, corn feed meal, ground barley, bean meal, wheat bran, wheat middlings, oil meal, bone and meat meal.	As certified, ----------	9049

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
			%	%	%
8548	Conkey's Buttermilk Laying Mash,	M. L. McClain & Co., Tyrone.	9.19	20.00	18.00
		Average,	9.50	19.57	--------
	THE CORNO MILLS CO., ST. LOUIS, MO.				
9490	Corno Growing Mash,	Preston Brothers, Canton.	9.41	18.50	16.00
	DAYTON MILLING CO., TOWANDA, PA.				
8991	Dayton's Laying Mash,	Dayton Milling Co., Towanda.	9.70	21.94	12–15
	THE ALBERT DICKENSON CO., CHICAGO, ILL.				
9038	Globe Egg Mash,	S. B. Floyd & Son, Pittsburgh.	9.60	20.31	20.00
8505	Globe Egg Mash,	Thomas Hammond & Co., S. Pittsburgh.	10.54	18.44	20.00
8906	Globe Egg Mash,	Hudson & Kuhns, Greensburg.	11.30	20.75	20.00
8923	Globe Egg Mash,	Mahoning Valley Milling Co., Punxsutawney.	9.40	20.00	20.00
9345	Globe Egg Mash,	The Irvin Muir Co., Braddock.	9.20	20.31	20.00
9157	Globe Egg Mash,	R. J. Remaley, Juniata,	8.80	20.88	20.00
		Average,	9.80	20.12	--------
	DIXIE MILLS COMPANY, EAST ST. LOUIS, ILL.				
9293	Dixie Chick Mash,	A. C. Godshall & Co., Inc., Lansdale.	11.80	17.00	12.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
6.24	4.00	5.48	6.00	3 50	Buttermilk, corn meal, corn feed meal, ground barley, bean meal, wheat bran, wheat middlings, oil meal, bone and meat scraps.	As certified. Oil meal identified as linseed oil meal. Found also tankage.	85.8
5.77	--------	5.36	--------	3.50			
4.78	4.50	6.98	9.00	2 95	Corn meal, oat meal, alfalfa meal, wheat bran, meat scraps, gluten feed and hominy feed.	Corn gluten feed not detected.	9190
5.03	3–5	7.34	6–9	2.60	Gluten, middlings, corn meal, bran, ground oats, oil meal, alfalfa and buckwheat feed.	Found also tankage,	8991
5.21	5.00	8.07	10.00	3 25	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, ½ of 1% salt.	As certified, ---------	9038
5.09	5.00	7.63	10.00	3 25	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, ½ of 1% salt.	Faund also ground Kaffir corn, ground grain screenings and tankage.	85 5
5.34	5.00	8.38	10.00	3 20	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, ½ of 1% salt.	As certified, ----------	8906
5.14	5.00	8.31	10.00	3 60	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, ½ of 1% salt.	As certified, -- -------	8923
5.18	5.00	7.71	10.00	3 00	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, ½ of 1% salt.	As certified, ----------	9345
5.13	5.00	9.04	10.00	3 50	Meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, alfalfa meal, ½ of 1% salt.	Found also ground Kaffir corn.	9157
5.18	--------	8.19	--------	3 30			
4.56	4.00	3.25	4.00	3 35	Dried buttermilk, wheat middlings, corn feed meal, hominy feed, gluten feed, oat groats, bone meal.	As certified, ----------	9293

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9291	Dixie Laying Mash,	A. C. Godshall & Co., Inc., Lansdale.	8.45	20.31	20.00
	R. D. EATON GRAIN & FEED CO., NORWICH, N. Y.				
8533	Eaton's Empire State Poultry Mash,	J. N. Gelder, Carbondale.	8.47	19.00	16.00
	GRIFFITH ELLIS, INDIANA, PA.				
9549	Royal Meat Mash,	Griffith Ellis, Indiana,	10.03	16.75	--------
	JOHN W. ESHELMAN & SONS LANCASTER, PA.				
8720	Eshelman's Buttermilk Baby Chick Starter.	H. A. Fishburn, Penbrook.	8.77	16.31	10.00
9410	Eshelman's Laying Mash for More Eggs.	Earley & Detweiler, Palmyra.	8.73	23.25	20.00
9577	Eshelman's Laying Mash for More Eggs.	Hershey Chocolate Co., Hershey.	9.62	21.88	20.00
9128	Eshelman's Laying Mash for More Eggs.	Paxton Flour & Feed Co., Progress.	8.80	23.44	20.00
8870	Eshelman's Laying Mash for More Eggs.	Woodward & Co., Darby.	9.95	21.94	20.00
		Average,	9.27	22.63	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.91	4.00	7.46	9.00	3 15	Wheat bran, wheat middlings, linseed oil meal, corn gluten feed, corn meal, granulated meat, alfalfa meal, dried buttermilk, charcoal and 1% salt.	Found also tankage and ground grain screenings.	9201
4.71	3.00	7.80	10.00	3 35	Wheat bran, wheat midds, corn gluten feed, meat and bone meal, alfalfa meal, corn feed meal, ground oats and 5% Hen-e-Ta grits, (Wheat bran and midds may contain ground screenings not exceeding mill run), pea meal, powdered buttermilk and salt.	Found also tankage,	8533
5 41	--------	4.41	--------	3 00	Bran, corn chop, meat meal, crushed oats, brown middlings, white middlings.	As certified, ----------	9549
6.78	4.00	3.80	5.00	4 50	Oat meal, kiln-dried corn meal, cooked and baked wheat feed, wheat middlings, powdered buttermilk, bone meal 2%, old process linseed meal 2%.	As certified, ----------	8720
6.64	5.00	5.25	7.00	2 60	20% Dried buttermilk, meat and fish scrap, wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, old process oil meal 2%. Alfalfa meal 1%.	Found also tankage,	9410
7.07	5.00	6.05	7.00	3 00	20% Dried buttermilk, meat and fish scrap, wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, old process oil meal 2%. Alfalfa meal 1%.	Barley not detected. Found also tankage.	9577
6.44	5.00	6.47	7.00	2 75	20% Dried buttermilk, meat and fish scrap, wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, old process oil meal 2%. Alfalfa meal 1%.	As certified, ----------	9128
6.73	5.00	5.57	7.00	3 75	20% Dried buttermilk, meat and fish scrap, wheat middlings, corn feed meal, wheat bran, corn gluten feed, ground oats, ground barley, hominy feed, old process oil meal 2% Alfalfa meal 1%.	Found also tankage,	[illegible]
6 72	--------	5.83	--------	3 03			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	GLOBE ELEVATOR COMPANY, INC., BUFFALO, N. Y.		%	%	%
9641	Blue Ribbon Laying Mash, --------	Plymouth Mill & Grain Co., Plymouth.	8.85	21.00	20.00
	GOLDEN LEADER MILLING CO., MIDDLETOWN, PA.				
8536	Golden Leader Hen Mash, ----------	Golden Leader Milling Co., Middletown.	9.58	21.00	20.00
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
9085	Grandin's Growing Feed, ----------	J. C. Harrington Co., Montrose.	8.11	22.56	12.50
	GREENCASTLE MILLING CO., GREENCASTLE, PA.				
8480	*Peerless Dry Mash, ----------	Greencastle Milling Co., Greencastle.	7.11	21.85	--------
	HALES & HUNTER CO., CHICAGO, ILL.				
8702	Red Comb Egg Mash, ----------	Peter Blumling, McKees Rocks.	10.10	19.75	20.00
8766	Red Comb Egg Mash, ----------	P. J. Osterling & Son, Butler.	10.44	19.69	20.00
9046	Red Comb Egg Mash, ----------	S. R. Patterson & Co., Pittsburgh.	9.38	19.31	20.00
		Average ------- --	9.97	19.58	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.31	% 3.00	% 7.94	% 10.00	$ 3 25	Ground bone, wheat bran (may contain mill run ground screenings) corn meal, corn gluten feed, meat meal, wheat middlings, (may contain mill run ground screenings), ground oats, oil meal and salt ¾ of 1%.	As certified, ----------	9641
4.34	5.25	7.50	8.25	2 85	Wheat bran, corn bran, corn chop, oats chop, flour middlings, cottonseed meal, gluten meal, oil meal, corn meal, alfalfa meal, beef scrap, fish scrap, charcoal, buttermilk.	As certified, ----------	8536
4.81	3.50	7.86	8.00	3 00	Ground: Meat, bone, corn, wheat, oats, barley, Kaffir corn, milo maize, buckwheat, alfalfa, calcium carbonate, wheat bran, wheat middlings, linseed oil meal, corn gluten feed and salt. Bran and middlings may contain ground screenings not exceeding mill run.	As certified, ----------	9085
4.91	--------	9.82	--------	3 00	Wheat bran, wheat red dog, corn gluten, corn meal, beef scraps, charcoal, alfalfa meal, oil meal and salt.	Found also small amount ground grain screenings.	8480
5.20	4.50	4.65	9.00	3 30	Corn feed meal, wheat bran, ground oats, corn gluten feed, wheat middlings, linseed oil meal, meat scraps, alfalfa meal, dried buttermilk and not over 5% calcium carbonate.	Found also small amount ground grain screenings.	8702
5.46	4.50	6.00	9.00	3 40	Corn feed meal, wheat bran, ground oats, corn gluten feed, wheat middlings, linseed oil meal, meat scraps, alfalfa meal, dried buttermilk and not over 5% calcium carbonate.	As certified, ----------	8766
4.77	4.50	5.80	9.00	3 25	Corn feed meal, wheat bran, ground oats, corn gluten feed, wheat middlings, linseed oil meal, meat scraps, alfalfa meal, dried buttermilk and not over 5% calcium carbonate.	As certified, ----------	9046
5.14	--------	5.51	--------	3 32			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	THE HEX MILLING CO., SHAMOKIN, PA.		%	%	%
8422	Poultry Mash,	The Hex Milling Co., Shamokin.	8.32	23.75	15.00
8953	Poultry Mash,	The Hex Milling Co., Shamokin.	9.80	17.06	15.00
		Average,	9.06	20.41	--------
	THE H-O CEREAL COMPANY, INC., BUFFALO, N. Y.				
8713	H-O Steam Cooked Chick Feed,	The Goldsboro Pure Feed Co., Etters.	11.66	13.13	12.00
	HOFFER & GARMAN, HARRISBURG, PA.				
9221	Chicken Choutee Hen Developer,	Hoffer & Garman, Harrisburg.	9.85	17.63	9.12
	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL.				
8749	Illinois Laying Mash,	Thompson & Glenn, Butler.	9.41	21.44	18.00
	KASCO MILLS, WAVERLY, N. Y.				
9004	Kasco Chick Mash with dried Buttermilk.	Farmers' Cooperative Co. Inc., Wysox.	10.06	20.69	18.00
9005	Kasco Full Nest Mash,	Farmers' Cooperative Co. Inc., Wysox.	8.90	23.25	20.00
	KERR MILLING CO., TITUSVILLE, PA.				
9597	*Fill the Bill Laying Mash,	Kerr Milling Co., Titusville.	8.06	21.00	--------
	CHARLES A. KRAUSE MILLING CO., MILWAUKEE, WIS.				
8837	Blue Top Egg Mash,	G. F. Musser & Co., Bellefonte.	10.00	21.00	20.00
8629	Kookoo Egg Mash,	Woodward & Company, Upper Darby.	8.74	21.25	20.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
6.93	3.75	7.96	7.50	2 75	Wheat bran, corn meal, ground oats, gluten, middlings, beef scrap, alfalfa meal.	As certified, ----------	8422
5.16	3.75	7.99	7.50	2 75	Wheat bran, corn meal, ground oats, gluten, middlings, beef scrap, alfalfa meal.	As certified, ----------	8953
6.05	--------	7.97	------	2 75			
3.14	3.00	1.38	4.00	4.50	Cracked corn, cut oat meal, cracked wheat, cracked Kaffir corn, cracked peas.	Cracked peas not detected. Found also small amount whol weed seeds.	8713
4.41	3–6	8.62	2.75 to 3.50	3 00	Beef scrap, charcoal, wheat bran, middlings, corn and oats chop, ground Kaffir corn.	As certified, ----------	9221
5.34	4.00	6.95	9.00	2 90	Dried buttermilk, granulated meat meal, corn feed meal, alfalfa flour, wheat bran wheat middlings, oat middlings, oat flour.	Found also ground Kaffir corn and tankage.	8740
5.75	3.50	5.23	9.00	3 05	Dried buttermilk, red dog flour, ground oat meal, wheat middlings, wheat bran, corn meal, meat scraps, linseed oil meal ¾ of 1% salt.	As certified, ----------	9004
5.13	3.50	8.39	8.50	2.80	Wheat bran, wheat middlings, red dog flour, corn meal, ground Kaffir corn, linseed oil meal, corn gluten feed, ground oats, meat and bone scraps, fish meal, ¾ of 1% salt.	Found also beet pulp.	9005
7.26	--------	6.94	--------	3.25	Ground oats, corn meal, wheat bran, wheat middlings, linseed oil meal, alfalfa, beef scraps.	As certified, ----------	9597
5.06	5.00	6.71	7.00	3 25	Meat scraps, fish meal, dried buttermilk, fine alfalfa meal, corn meal, wheat bran and wheat middlings with mill run screenings, corn flour, Badger hominy feed and salt.	Found also small amount barley and tankage.	8837
6.66	5.25	5.79	6.00	3 50	Algaroba meal, meat scraps, fish meal, dried buttermilk, corn flour, wheat bran, wheat middlings with mill run screenings, corn meal, fine alfalfa meal, Badger hominy feed, bone meal and salt.	Meat scrap and algaroba or locust bean meal not detected. Found also tankage and small amount small whole weed seeds.	8629

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
	LEBANON MILLING CO., LEBANON, PA.				
8141	Blue Ribbon Mash Feed, Our Own Home Made.	Lebanon Milling Co., Lebanon.	8.44	17.00	15.00
	THE MCMILLEN CO., FORT WAYNE, IND.				
9429	Wayne Egg Mash with Dried Buttermilk.	Frank Day, Farrell, ----	8.82	21.19	18.00
8937	Wayne Egg Mash with Dried Buttermilk.	J. J. Gleichart & Company, Altoona.	10.50	20.31	18.00
		Average, ----------	9.66	20.75	--------
	MARITIME TRADING CORPORATION, BUFFALO, N. Y.				
8431	Red-E-Lay Laying Mash, ----------	G. W. Branitz, Boiling Springs.	8.72	19.69	20.00
	MARTIN & COMPANY, ALTOONA, PA.				
8949	Poultry Mash, Liberty Standard, --	Martin & Company, Altoona.	8.85	20.44	18.00
	C. P. MATTHEWS & SONS, INC., SCRANTON, PA				
8803	Best Poultry Mash, ----------	C. P. Matthews & Sons, Inc., Wilkes-Barre.	9.11	22.25	17.00
	MINER-HILLARD MILLING CO., WILKES-BARRE, PA.				
8806	No. 1 Poultry Mash, ----------	Miner-Hillard Milling Co. Wilkes-Barre.	8.92	20.00	20.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.40	4.00	7.58	8.00	2 50	Wheat middlings, corn chop, meat scrap oats chop, wheat bran, alfalfa meal, charcoal, ½% salt.	As certified, ----------	8441
5.13	3.70	8.29	8.00	3 40	Dried buttermilk, meat scraps, wheat bran, wheat middlings, corn gluten feed, corn feed meal, ground barley, cottonseed meal, oil meal, alfalfa meal, molasses.	Found also tankage and ground grain screenings.	9429
3.75	3.70	7.84	8.00	3 50	Dried buttermilk, meat scraps, wheat bran, wheat middlings, corn gluten feed, corn feed meal, ground barley, cottonseed meal, oil meal, alfalfa meal, molasses.	Found also tankage,	8937
4.44	--------	807	------	3 45			
6.46	5.00	6.76	6.00	2 40	Wheat bran, wheat middlings, white corn hominy, ground oats, oat meal, O. P. oil meal, fine ground alfalfa meal, select beef scraps. (Wheat bran and wheat middlings may contain ground screenings not exceeding mill run.)	As certified, ----------	8431
5.90	4.00	5.20	6.00	3 25	Wheat bran, wheat middlings, ground oats, corn gluten feed, ground corn, linseed oil meal, bone meal, fish scraps, meat meal and buttermilk.	Found also tankage,	8949
4.54	3.00	9.76	12.00	2 50	Linseed oil meal, beef scrap, gluten meal, wheat middlings, wheat bran, corn meal, alfalfa meal.	As certified, ----------	8803
5.52	5.50	6.88	9.00	2 50	Wheat bran, buckwheat middlings, wheat middlings, ground oats, beef scrap, alfalfa meal, hominy feed, gluten feed, corn meal, cottonseed meal, corn oil meal, O. P. o meal, buttermilk.	As certified, ----------	8806

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8809	Superior Growing Feed,	Miner-Hillard Milling Co. Wilkes-Barre.	9.14	18.06	18–20
	MYSTIC MILLING & FEED CO., ROCHESTER, N. Y.				
9461	Mystic Growing Mash,	F. P. Case & Son, Troy,	8.92	17.00	14–16
9472	Mystic Laying Mash,	Farmers' & Consumers' Commercial Union Troy,	8.93	25.13	23–25
	NOWAK MILLING CORPORATION, BUFFALO, N. Y.				
9138	Domino Laying Mash with Buttermilk.	O. S. Ebersole & Co., Penbrook.	9.90	22.13	18.00
	THE PARK & POLLARD Co., BUFFALO, N. Y.				
9657	Lay or Bust Dry Mash,	F. W. Dawson & Son. Williamsport.	9.83	19.69	18.00
8746	Lay or Bust Dry Mash,	H. J. Klingler & Co., Butler.	9.35	19.44	18.00
8922	Lay or Bust Dry Mash,	Mahoning Valley Milling Co., Punxsutawney.	8.77	19.56	18.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
% 5.47	% 6–8	% 6.47	% 6–8	$ 2 50	Wheat bran, wheat middlings, hominy feed and beef meal, corn oil meal, feed meal, cottonseed meal, old process oil meal, gluten feed, oats, alfalfa, evaporated buttermilk.	Feed meal identified as corn feed meal. Found also small amount ground grain screenings.	8809
4.59	3–5	7.18	6–8	2 80	Wheat bran, wheat middlings, corn meal, corn gluten feed, alfalfa meal, bone meal, meat meal.	Found also tankage and small amount of ground wheat and small amount of ground grain screenings.	9461
5.66	4–6	7.69	6–8	2 60	Wheat middlings, wheat bran, corn meal, corn gluten feed, O. P. oil meal, alfalfa meal, blood meal, bone meal and meat meal.	Found also tankage.	9472
5.43	3.50	6.89	7.00	3 50	Wheat bran, wheat middlings, corn gluten feed, linseed oil meal, ground oats, wheat red dog flour, bone meal, corn feed meal, meat scraps and dried buttermilk.	Found also small amount ground grain screenings.	9133
5.76	1.50	6.71	12.00	3 40	Ground corn, wheat, oats, barley, Kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run of screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	Buttermilk not detected Found also tankage.	9657
4.88	1.50	8.18	12.00	3 25	Ground wheat, barley, Kaffir corn, corn feed meal, milo maize, oats, alfalfa meal, bran with mill run screenings, wheat midds, meat, bone, calcium phosphate, dried fish, calcium carbonate, limestone.	Kaffir corn or milo maize not detected Found also rye and tankage.	8746
5.00	1.50	7.99	12.00	3 60	Ground wheat, barley, Kaffir corn, corn feed meal, milo maize, oats, alfalfa meal, grain screenings, buckwheat grit, wheat bran with mill run screenings, wheat midds, meat, bone, calcium phosphate dried fish, calcium carbonate (limestone), salt.	Found also tankage.	8922

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
9660	Lay or Bust Dry Mash,	Mitchell Milling Co., Clearfield.	9.10	21.88	18.00
		Average,	9.26	20.14	--------
9659	Leghorn Special Dry Mash,	F. W. Dawson & Son, Williamsport.	9.93	20.88	21.00
	PRATT FOOD COMPANY, PHILADELPHIA, PA.				
8805	Pratt's Supreme Growing Mash with Buttermilk.	C. P. Matthews & Sons, Inc., Wilkes-Barre.	9.34	19.75	17.50
8885	Pratt's Supreme Laying Mash with Buttermilk.	S. S. Detweiler, Quakertown.	9.73	20.69	19.00
	PRAIRIE STATE MILLING CO., CHICAGO, ILL.				
9349	Early Egg Laying Mash,	Beech & Tetlow, Pittsburgh.	9.50	18.13	18.00
9045	Early Egg Laying Mash,	S. R. Patterson & Co., Pittsburgh.	11.25	16.06	18.00
		Average,	10.37	17.10	--------
	THE QUAKER OATS CO., CHICAGO, ILL.				
8789	Ful-O-Pep Dry Mash, Laying Grade,	William Fairlie, East Brady.	9.00	22.25	20.00

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemists' number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.43	1.50	5.28	12.00	3.25	Ground corn, wheat, wheat screenings, barley, Kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	As certified,	9060
5.27	-------	7.04	-------	3.38			
6.18	1.50	6.95	10.00	3.65	Ground corn, wheat, wheat screenings, barley, oats, Kaffir corn, buckwheat, wheat bran, wheat middlings, alfalfa, fish, meat, bone calcium carbonate, salt and dried buttermilk.	As certified,	9659
5.72	4.50	6.71	9.00	3.50	Dried buttermilk, feeding oat meal, corn meal, ground oats, wheat middlings and wheat bran (with ground screenings not to exceed mill run), meat scrap, bone meal, fish meal.	As certified,	8805
5.40	4.00	6.50	9.00	3.10	Dried buttermilk, ground clipped oats, corn meal, O. P. linseed oil meal, wheat middlings, meat scrap, corn feed meal, wheat bran, alfalfa, fish meal.	Found also tankage.	8385
5.30	4.00	5.40	7.00	2.95	Dried buttermilk, wheat middlings, wheat bran, fish meal, beef scraps, corn feed meal, alfalfa meal fine ground, and not over 5% calcium carbonate.	Found also small amount ground grain screenings.	9349
4.67	4.00	4.99	7.00	2.50	Dried buttermilk, wheat middlings, wheat bran, O. P. oil meal, fish meal, beef scraps, corn feed meal, alfalfa meal fine ground, and not over 5% calcium carbonate.	As certified,	9045
4.99	-------	5.19	-------	2.73			
5.60	4.00	7.65	10.00	4.50	Hominy feed, yellow hominy feed, corn gluten feed, oat meal, cottonseed meal, wheat bran and wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, bone meal, fish meal, meat scraps, alfalfa meal, ground grain screenings from wheat.	As certified,	8789

TABLE III.—ANALYSES OF SAMPLES OF

Chemists' number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
			%	%	%
8836	Ful-O-Pep Dry Mash, Laying Grade,	W. H. Manbeck & Co., Mifflin.	8.15	23.25	20.00
8841	Ful-O-Pep Dry Mash, Laying Grade,	E. J. Welch, Plumville, --	10.04	21.81	20.00
		Average, ----------	9.06	22.44	-------
	QUISENBERRY FEED MILLING CO., KANSAS CITY MO.				
8848	Quisenberry Quality Buttermilk Laying Mash.	Valley Mills, Johnstown,	10.50	19.63	18.00
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
9634	Purina Chicken Chowder with Charcoal not over 1%.	C. L. Kelly, McKeesport,	8.42	20.56	19.00
9253	Purina Chicken Chowder with Charcoal not over 1%.	Knabe Brothers, Turtle Creek.	8.50	21.63	19.00
8786	Purina Chicken Chowder with Charcoal not over 1%.	Parker Milling Co., Parkers Landing.	9.25	20.88	19.00
9368	Purina Chicken Chowder with Charcoal not over 1%.	S. G. Updegraff & Son. Williamsport.	8.75	21.75	19.00
8835	Purina Chicken Chowder with Charcoal not over 1%.	C. Y. Wagner & Co., Bellefonte.	10.41	19.63	19.00
		Average, ----------	9.06	20.89	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
6.04	4.00	7.11	10.00	3 40	Hominy feed, yellow hominy feed, gluten feed, oat meal, cottonseed meal, wheat bran, wheat middlings with ground wheat screenings not exceeding mill run, alfalfa meal, ground grain screenings from wheat.	As certified, ----------	8386
4.99	4.00	7.98	10.00	2 75	Hominy feed, yellow hominy feed, corn gluten feed, oat meal, cottonseed meal wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, bone meal, fish meal, meat scraps alfalfa meal, ground grain screenings from wheat.	As certified, ----------	8841
5.54	--------	7.58	--------	3 55			
5.36	3.50	4.52	5.00	3 35	Corn meal, wheat shorts, wheat middlings, wheat bran, ground oats, meat meal, dried buttermilk, linseed meal, powdered charcoal, fine salt, alfalfa meal.	As certified, ----------	8848
5.45	4.00	8.39	10.00	3 95	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal and not over 1% salt.	As certified, ----------	9634
5.44	4.00	7.49	10.00	3 50	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal and not over 1% salt.	Linseed flour indentified as linseed oil meal.	9353
6.03	4.00	9.09	10.00	3 00	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal and not over 1% salt.	As certified, ----------	8786
5.63	4.00	7.51	10.00	3.00	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal and not over 1% salt.	As certified, ----------	9368
4.92	4.00	9.51	10.00	3 00	Wheat middlings, wheat bran, gluten feed from corn, corn meal, alfalfa flour, linseed flour, granulated meat, charcoal and not over 1% salt.	Linseed flour indentified as linseed oil meal.	8835
5.49	--------	8.89	--------	3.41			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed
			%	%	%
9215	Purina Chicken Fatena Feed, ------	Greer Brothers, Philadelphia.	10.27	15.19	12.00
	JOHN B. RIGGS, SHIPPENSBURG, PA.				
9232	*Chicken Mash, ----------	John B. Riggs, Shippensburg.	8.77	18.56	--------
	H. ROCKWELL & SON, CANTON, PA.				
9481	Hen-O-La Dry Mash, ----------	H. Rockwell & Son, Canton.	9.28	22.00	12.00
	RYDE & COMPANY, CHICAGO, ILL.				
8788	Hav-To-Lay Egg Mash, ----------	William Fairlie, East Brady.	9.85	22.19	20.00
	THE SCOTT COUNTY MILLING COMPANY, SIKESTON, MO.				
9411	*Gristo Laying Mash, ----------	Earley & Detweiler, Palmyra.	8.71	23.19	24.00
	TIOGA MILL & ELEVATOR CO., WAVERLY, N. Y.				
9021	Chicatine, ----------	H. O. Ayer, Ulster, ------	9.45	23.56	18.00
8523	Egatine, ----------	Wayne Milling Co., Honesdale.	10.11	27.00	23.00
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO.				
8642	Camp's Red Ball Egg Mash, --------	Frank Trusler, Warren, --	10.62	16.50	16.00
	C. B. TYLER, MESHOPPEN, PA.				
8983	Red Hen Laying and Growing Mash.	C. B. Tyler, Tunkhannock.	9.24	20.94	18.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.36	6.00	7.24	9.00	3 50	Ground oats, ground corn, Kaffir meal, barley meal, corn germ meal, wheat middlings, linseed meal and ground sunflower seed.	As certified, ----------	9215
5.12	--------	11.20	--------	2 60	Wheat bran, wheat middlings, corn, oats, gluten, alfalfa, charcoal, beef scrap and salt.	As certified, ----------	9232
5.15	2.00	4.64	5.00	2 35	Corn meal, corn gluten feed, wheat middlings, wheat bran, old process linseed oil meal and meat scraps.	Found also tankage.	9481
4.81	4.00	6.58	9.00	4 25	Linseed oil meal, meat scraps, bone meal, corn feed meal, wheat middlings, wheat bran, oat meal, cottonseed meal, ground beans, blood flour, cocoanut oil meal, fish, dried milk, alfalfa, cocoa shell meal, fenugreek, anise and salt.	Found also small amount ground grain screenings.	8788
5.01	5.00	9.32	4.50	2 60	Wheat bran, corn meal, tankage and shorts.	Found also alfalfa, --	9411
5.56	3.00	4.72	6.00	3.20	Corn meal, wheat middlings, hominy feed, corn gluten meal, powdered buttermilk, fish meal, meat and bone scraps, wheat bran, Kaffir corn meal, phosphate of lime.	As certified, ----------	9021
5.13	2.50	4.48	6.00	3 50	Corn gluten meal, wheat middlings, corn feed meal, wheat bran, ground oats, meat and bone scrap, powdered buttermilk, precipitated animal bone phosphate of lime, fish meal.	Found also tankage.	8523
3.84	4.50	6.82	7.50	2 75	Ground wheat middlings wheat bran, corn meal, gluten feed, alfalfa feed, beef scraps, oil meal and charcoal.	Oil meal and charcoal not detected. Found also tankage and ground grain screenings.	8642
5.71	4.50	6.55	10.00	2 25	Wheat middlings, wheat feed, ground oats, corn meal, oil meal, gluten and beef scraps.	Oil meal identified as linseed oil meal.	8983

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein.	
				Found.	Guaranteed.
	THE UBIKO MILLING CO., CINCINNATI, OHIO.				
9226	Ubiko Egg Mash with Buttermilk, --	Hoffer & Garman, Harrisburg.	9.25	23.31	20.00
9172	Ubiko Egg Mash with Buttermilk, --	C. Kellner & Son, N. S. Pittsburgh.	9.91	23.38	20.00
9043	Ubiko Egg Mash with Buttermilk, --	R. S. McCague, Ltd., Pittsburgh.	9.85	22.00	20.00
		Average, ----------	9.67	22.90	--------
	UNION CITY COOPERATIVE ASSOCIATION, UNION CITY, PA.				
8653	Stranshan's Mash, ----------	Union City Cooperative Association, Union City.	10.02	19.94	--------
	FLOYD VANDERVORT, LACEYVILLE, PA.				
9028	Vandervort's Laying Mash for Poultry.	Floyd Vandervort, Laceyville.	9.85	19.31	18.00
	VOUGHT MILLING CO., SHAMOKIN, PA.				
8420	System Hen Mash,----------	Vought Milling Co., Shamokin.	9.97	15.56	--------
	WALDO BROTHERS, WYSOX, PA.				
9003	Walbro Laying Mash, ----------	Waldo Brothers, Wysox,	9.55	23.25	20.00
	WOLGEMUTH & SON, FLORIN, PA.				
8547	W. & S. Laying Mash, ----------	Wolgemuth & Son, Florin.	9.64	23.19	20.00
	I. F. WRIGHT, SHIPPENSBURG, PA.				
9230	*Chicken Mash, ----------	I. F. Wright, Shippensburg.	9.02	18.94	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
4.22	4.00	6.29	6.00	3 25	Meat meal, bone meal, corn meal, wheat bran and middlings, whole ground oats, corn gluten feed, O. P. linseed meal and dried buttermilk.	Found also tankage.	9216
4.85	4.00	5.47	6.00	3 50	Meat meal, bone meal corn meal, wheat bran and middlings, whole ground oats, corn gluten feed, O. P. linseed meal and 2% dried buttermilk.	As certified, ----------	9172
4.47	4.00	5.85	6.00	3 50	Meat meal bone meal, corn meal, wheat bran and middlings, whole ground oats, corn gluten feed, O. P. linseed meal and 2% dried buttermilk.	As certified, ----------	9043
4.51	--------	5.87	--------	3 42			
4.84	--------	9.00	--------	2 40	Corn meal, bran, middlings, oil meal, beef scraps, corn and oats chop, alfalfa and salt.	Found also tankage.	8653
4.54	4.50	7.28	7.00	2 30	Ground corn, ground oats, wheat bran, brown middlings, corn gluten feed, red dog flour, alfalfa meal and high grade meat scraps.	As certified, ----------	9028
4.70	--------	6.37	--------	2 75	Wheat bran, wheat middlings, oats chop, corn chop, gluten, fish scrap, 1 pack panacea.	Found also sugar and trace of foenugreek, sulphate of soda, sulphate of magnesia, sulphate of iron, potassium nitrate and sodium chloride.	8420
6.08	5.50	6.35	8.00	2 75	Corn meal, alfalfa meal, oil meal, wheat bran and wheat midds with ground screenings not exceeding mill run, beef scrap, charcoal and ½ of 1% salt.	As certified, ----------	9003
5.52	4.75	6.02	7.00	48 00	O. P. oil meal, gluten feed, beef scrap, bran, middlings, ground oats, corn chop and charcoal.	As certified, ----------	8547
5.28	--------	9.31	--------	2 50	----------	Wheat bran, wheat middlings, corn chop, oats chop, alfalfa meal and meat scrap.	9230

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	ANIMAL BY-PRODUCTS.				
	BLOOD MEAL.				
	SWIFT & COMPANY, NEWARK, N. J.		%	%	%
9126	Swift's Blood Meal,	John B. Curry's Sons, Swatara.	8.10	82.63	80.00
	MEAT AND BONE SCRAP.				
	THE AMERICAN AGRICULTURAL CHEMICAL CO., NEW YORK, N. Y.				
8514	Protox Pure Ground Meat Scraps,	Honesdale Milling Co., Honesdale.	6.35	56.94	55.00
	AMOUR FERTILIZER WORKS, CHICAGO, ILL.				
8385	Meat Meal,	Wischaupt Sons & Co., Port Royal.	4.60	61.88	60.00
	BAUGH & SONS COMPANY, PHILADELPHIA, PA.				
8582	Baugh's Meat Meal for Poultry,	Christiana Grain & Supply Co., Christiana.	7.39	51.19	50.00
9595	Baugh's Meat Meal for Poultry,	Cooperative Grange Milling Co., Titusville.	5.53	54.88	50.00
9329	Baugh's Meat Meal for Poultry,	J. W. Craft & Sons, Ambler.	7.90	51.13	50.00
		Average,	6.94	52.40	--------
	THE BERG COMPANY, PHILADELPHIA, PA.				
8566	Berg's 3 Medal Poultry Meat and Bone Scrap.	S. Book & Brother, Quarryville.	6.78	48.44	45.00
8886	Berg's 3 Medal Poultry Meat and Bone Scrap.	S. S. Detweiler, Quakertown.	5.43	48.94	45.00
9391	Berg's 3 Medal Poultry Meat and Bone Scrap.	Gibbs Milling Co., Nanticoke.	5.20	43.31	40.00
9504	Berg's 3 Medal Poultry Meat and Bone Scrap.	Peter Graff Milling Co., Worthington.	5.79	47.13	45.00
9223	Berg's 3 Medal Poultry Meat and Bone Scrap.	Hoffer & Garman, Harrisburg.	6.00	50.38	45.00
8672	Berg's 3 Medal Poultry Meat and Bone Scrap.	Pomona No. 3 Exchange, West Chester.	6.65	49.00	45.00
8463	Berg's 3 Medal Poultry Meat and Bone Scrap.	Simpson Brothers, Norristown.	6.32	47.00	45.00
9101	Berg's 3 Medal Poultry Meat and Bone Scrap.	Sterling & Sherwood, Meshoppen.	5.53	48.19	45.00
		Average,	5.96	47.80	--------
8813	Berg's 50% Protein Poultry Meat and Bone Scrap.	Miner-Hillard Milling Co., Wilkes-Barre.	6.50	51.88	50.00
9557	Berg's 50% Protein Poultry Meat and Bone Scrap.	Scureman Milling Co., Wilkes-Barre.	5.36	54.75	50.00
		Average,	5.93	53.32	--------
8567	Berg's 55 Protein Poultry Meat and Bone Scrap	S. Book & Brother, Quarryville.	6.85	58.06	55.00
8880	Berg's 55 Protein Poultry Meat and Bone Scrap.	S. S. Detweiler, Quakertown.	6.10	58.50	55.00
9569	Berg's 55 Protein Poultry Meat and Bone Scrap.	Dillsburg Grain & Milling Co., Dillsburg.	5.93	58.13	55.00
9335	Berg's 55 Protein Poultry Meat and Bone Scrap.	S. C. Kriebel, West Point.	6.20	56.25	55.00
9513	Berg's 55 Protein Poultry Meat and Bone Scrap.	Muth Bros., Elizabethtown.	6.10	58.50	55.00
		Average,	6.23	57.89	--------

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
0.82	--------	0.78	3.00	5 75	Blood meal, ----------	As certified, ---------	9136
13.10	10.00	1.02	--------	5 75	Meat scrap, ----------	As certified, ---------	8514
9.13	6.00	2.34	2.00	5 25	----------	Tankage meat meal.	8385
12.80	10.00	1.67	1.00	4 00	Ground pure beef cracklings.	As certified, ---------	8582
15.53	10.00	1.79	1.00	5 00	Ground pure beef cracklings.	As certified, ---------	9595
16.39	10.00	1.95	1.00	5 50	Ground pure beef cracklings.	As certified, ---------	9329
14.91	--------	1.80	--------	4.83			
11.29	11.00	1.25	3.00	4 50	Meat and bone scrap.	As certified, ---------	8566
14.26	11.00	0.99	3.00	4 25	Meat and bone scrap.	Found also small amount of fish meat and bone scrap and tankage.	8886
13.20	11.00	1.80	3.00	5 00	Meat and bone scrap.	As certified, ---------	9391
1[illegible] 65	11.00	1.55	3.00	4 50	Meat and bone scrap.	As certified, ---------	9504
11.95	11.00	1.26	3.00	5 00	Meat and bone scrap,---	Found also small amount of fish meat and bone scrap.	
12.50	11.00	1.34	3.00	4 25	Meat and bone scrap,---	Found also tankage,	8672
12.54	11.00	1.39	3.00	3 50	Meat and bone scrap,---	Found also tankage,	8463
11.68	11.00	1.37	3.00	5 00	Meat and bone scrap,---	As certified, ---------	9101
12.52	--------	1.36	--------	4 50			
13.58	11.00	1.09	2.00	4 50	Meat and bone scrap,---	Found also tankage and small amount of fish meat and bone scrap.	8813
13.43	11.00	1.35	2.00	5 00	Meat and bone scrap,---	As certified, ---------	9557
13.51	--------	1.22	--------	4 75			
13.48	11.00	1.20	2.00	5 00	Meat and bone scrap,---	As certified, ---------	8567
13.57	11.00	1.01	2.00	4 75	Meat and bone scrap,---	Found also small amount of fish meat and bone scrap and tankage.	8880
12.21	11.00	1.27	2.00	5 00	Meat and bone scrap,---	Found also small amount of fish meat and bone scrap.	9569
12.40	11.00	1.59	2.00	4 50	Meat and bone scrap,---	As certified, ---------	9335
12.53	11.00	1.46	2.00	4 75	Meat and bone scrap,---	Found also tankage,	9513
12.84	--------	1.30	--------	4 80			

TABLE III.—ANALYSES OF SAMPLES OF

Chemists' number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	BLAMBERG BROTHERS, INC., BALTIMORE, MD.		%	%	%
9237	*Cornell Brand Hy-Prot Meat Meal for Poultry and Hogs.	Charles Funk, Shippensburg.	7.75	78.88	80.00
8384	Cornell Brand Special Beef Scraps for Poultry.	Wisehaupt Sons & Co., Port Royal.	5.35	54.63	55.00
	THE ALBERT BUEHRLE COMPANY, YOUNGSTOWN, OHIO.				
9375	Sure Egg Meat Scraps, ----------	Harmony Cereal Mills, Harmony.	5.70	54.81	50.00
9435	Sure Egg Meat Scraps, ----------	J. H. Lavery's Sons, Franklin.	6.50	55.13	50.00
		Average, ----------	6.10	54.97	--------
	CONSOLIDATED DRESSED BEEF CO., PHILADELPHIA, PA.				
8540	Consolidated Beef and Bone Scraps,	S. C. Brinser's Sons, Middletown.	6.61	43.81	45–50
9654	Consolidated Beef and Bone Scraps,	F. W. Dawson & Son, Williamsport.	6.34	42.31	45–50
9547	Consolidated Beef and Bone Scraps,	Griffith Ellis, Indiana, --	4.40	44.63	50.00
9261	Consolidated Beef and Bone Scraps,	W. W. McCullough, W. Bridgewater.	6.50	44.13	45–50
9452	Consolidated Beef and Bone Scraps,	Preston & Jaquish, Troy,	5.53	43.56	45–50
		Average, ----------	5.87	43.69	--------
	DARLING & COMPANY, CHICAGO, ILL.				
8907	Darling's Meat Scraps, ----------	Hudson & Kuhns, Greensburg.	6.75	52.25	50.00
	JACOB DOLD PACKING COMPANY, BUFFALO, N. Y.				
9447	Dold Quality Meat and Bone Scraps,	McQuiston Bros. Co., Meadville.	5.63	53.38	50.00
9453	Dold Quality Meat and Bone Scraps,	Preston & Jaquish, Troy,	3.78	48.88	45.00
		Average, ----------	4.70	51.13	--------
	EZL. DUNWOODY CO., PHILADELPHIA, PA.,				
8876	Poultry Meat, ----------	H. E. McKissick, Darby,	6.65	53.48	40–55
8488	Poultry Meat, ----------	Woodward & Co., Philadelphia.	6.42	51.38	40–55
		Average, ----------	6.53	52.43	--------
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
9581	Meat and Bone Scrap, ----------	Hershey Chocolate Co., Hershey.	5.03	50.88	50.00
	IDEAL RENDERING CO., NORTH WALES, PA.				
9496	Ideal Meat Scraps, ----------	J. A. Gualt Co., Kittanning.	8.05	53.38	50.00
	JOSLIN & SCHMIDT COMPANY, CINCINNATI, OHIO.				
9444	*Abattoir Brand Meat Meal, --------	Mercatoris & McCulliugh, Meadville.	5.67	53.54	50.00

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemists' number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
10.02	7.00	0.59	2.00	6 00	Pure ground meat cracklings.	As certified,	9237
17.61	13.00	1.90	3.00	5 25	Beef scraps,	As certified,	8384
11.07	3.00	2.29	5.00	5 00	Pure meat and bone trimmings.	As certified,	9375
13.14	3.00	2.32	5.00	5 75	Pure meat and bone trimmings.	As certified,	9435
12.11	--------	2.30	--------	5 38			
12.32	12.00	0.76	2.00	5 00	Beef and bone scrap,	As certified,	8540
15.20	12.00	1.21	2.00	5 50	Beef and bone scrap,	As certified,	9654
11.03	12.00	1.40	2.00	6 00	Beef and bone scrap,	One-half meat scrap and one-half bone meal.	9547
11.71	12.00	1.84	2.00	4 50	Beef and bone scrap,	As certified,	9261
13.28	12.00	1.02	2.00	5 50	Beef and bone scrap,	As certified,	9452
12.70	--------	1.24	--------	5 30			
8.46	0.50	1.59	3.00	4 80	Meat product,	Found also tankage,	8907
13.02	8.00	2.32	5.00	6.00	Scraps of meat cooked and dried.	Found also tankage including fibrous vegetable material and traces of glass.	9447
15.26	8.00	2.15	5.00	5 50	Scraps of meat cooked and dried.	Found also tankage including fibrous vegetable material and traces of glass.	9453
14.14	--------	2.23	--------	5 75			
15.05	10–15	1.19	--------	6 00	Meat and bone scrap.	Found also small amounts of tankage and fish meat and bone scrap.	8876
12.07	10–15	1.17	--------	5 00	Meat and bone scrap.	Found also small amount of fish meat and bone scrap.	8488
13.56	--------	1.18	--------	5 50			
14.58	--------	1.92	--------	5 00	Meat and bone scrap,	Found also tankage,	9581
14.09	14.00	0.96	2.00	5 50	Meat scraps,	As certified,	9496
13.06	5.00	1.77	3.00	4 75	Meat products,	Found also large proportion of tankage.	9444

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	KENTUCKY CHEMICAL MANUFACTURING COMPANY, COVINGTON, KY.		%	%	%
9431	K-C Special Meat Scraps,	R. G. Lurie, Sharon,	6.23	55.56	50.00
	MUTUAL RENDERING CO., INC., PHILADELPHIA, PA.				
8627	Mureco Animal Products, 50% Meat and Bone Scraps.	Newtown Feed & Grain Co., Newtown.	4.50	45.38	50.00
9492	Mureco Animal Products, 50% Meat and Bone Scraps.	Preston Brothers, Canton.	3.93	46.75	50.00
		Average,	4.21	46.07	--------
	PUTUXENT GUANO CO., BALTIMORE, MD.				
9511	Patuxent Meat Meal for Poultry and Hogs.	Muth Bros., Elizabethtown.	8.49	82.13	80.00
	THE PHILADELPHIA SEED COMPANY INC., PHILADELPHIA, PA.				
9413	*Beef Scrap,	John B. Curry's Sons, Palmyra.	5.62	42.63	40–45
	STADLER PRODUCTS CO., CLEVELAND, OHIO.				
8593	Stadler's 50% Meat Scraps,	Erie Milling & Supply Co., Erie.	5.63	50.31	50.00
	SWIFT & COMPANY, NEWARK, N. J.				
9139	Swift's Eureka Meat and Bone Scraps.	John B. Curry's Sons, Swatara.	5.30	55.81	55.00
9473	Swift's Eureka Meat and Bone Scraps.	Farmers' & Consumers' Commercial Union, Troy.	5.94	58.88	55.00
9105	Swift's Eureka Meat and Bone Scraps.	C. B. Tyler, Meshoppen,	6.13	55.29	55.00
9023	Swift's Eureka Meat and Bone Scraps.	Floyd Vandervort, Laceyville.	7.66	59.63	55.00
9388	Swift's Eureka Meat and Bone Scraps.	P. Wagner & Son, New Castle.	6.68	57.13	55.00
		Average,	6.34	57.35	--------
9239	Swift's Laymore Meat and Bone Scraps.	Canonsburg Milling Co., Canonsburg.	6.56	46.19	45.00
9468	Swift's Laymore Meat and Bone Scraps.	F. P. Case & Son, Troy,	4.41	48.56	45.00
8987	Swift's Laymore Meat and Bone Scraps.	Dayton Milling Co., Towanda.	6.60	46.81	45.00
9560	Swift's Laymore Meat and Bone Scraps.	Scureman Milling Co., Wilkes-Barre.	6.05	46.63	45.00
9104	Swift's Laymore Meat and Bone Scraps.	C. B. Tyler, Meshoppen,	6.03	46.50	45.00
		Average,	5.93	46.94	--------
9042	Swift's Meat and Bone Scraps,	S. B. Floyd & Son, Pittsburg.	7.40	50.06	50.00
	SYRACUSE RENDERING CO., SYRACUSE, N. Y.				
9009	Syracuse Poultry Feed,	Farmers' Cooperative Co., Inc., Wysox.	5.21	43.75	40.00
9000	Syracuse Poultry Feed,	Waldo Brothers, Wysox,	6.70	46.13	50.00
		Average,	5.95	44.94	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
16.10	8.00	1.34	3.00	5 00	Meat scraps,	As certified,	9431
12.41	10.00	0.80	2.00	4 65	Meat and bone scrap,	As certified,	8627
16.59	10.00	1.33	2.00	4 75	Meat and bone scrap,	As certified,	9492
14.50		1.06		4 70			
8.35	7.00	0.68	2.00	5.85	Meat meal,	As certified,	9511
12.47	11.00	2.31	3.00	4.85	Beef scrap,	As certified,	9413
7.87	3.00	1.32	3.00	4.25	Meat scraps,	Found also tankage,	8593
13.13	6.00	2.11	3.00	4 60	Meat and bone scraps,	As certified,	9139
11.29	8.00	1.46	3.00	5 00	Meat and bone scraps,	Found also tankage,	9473
12.70	6.00	1.07	3.00	5 00	Meat and bone scraps,	As certified,	9105
11.80	6.00	1.46	3.00	5 00	Meat and bone scraps,	As certified,	9023
13.51	6.00	1.68	3.00	5 00	Meat and bone scraps,	Found also tankage,	9388
12.49		1.55		4 92			
14.39	6.00	1.16	3.00	3.75	Meat and bone scraps,	As certified,	9239
15.87	6.00	1.28	3.00	4.60	Meat and bone scraps,	Found also tankage,	9468
10.48	8.00	1.53	3.00	4.50	Meat and bone scraps,	As certified,	8987
10.49	6.00	1.52	3.00	4 50	Meat and bone scraps.	As certified,	9560
11.27	6.00	1.31	3.00	4 50	Meat and bone scraps,	As certified,	9104
12.50		1.36		4 37			
10.20	6.00	1.70	3.00	4 75	Meat and bone scraps,	As certified,	9042
11.53	8.00	1.04		3 50	Prepared from cooked meat and bone scraps.	Found also tankage and small amount of fish meat and bone.	9009
11.75	8.00	1.51		5 50	Prepared from cooked meat and bone scraps.	Found also small amount of fish meat and bone.	9000
11.64		1.27		4 50			

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	THE VAN IDERSTINE CO., LONG ISLAND CITY, N. Y.		%	%	%
9111	Van Iderstine's High Protein Meat Scraps for Poultry.	Blank & Gottshall Co., Inc., Sunbury.	5.50	59.31	55.00
9114	Van Idrestine's Pure Ground Meat Scraps for Poultry.	Blank & Gottshall Co., Inc., Sunbury.	5.85	50.19	45.00
9152	Van Iderstine's Pure Ground Meat Scraps for Poultry.	H. H. Lysinger & Son, Bedford.	5.90	48.50	45.00
		Average,	5.87	49.35	--------
		Total average,	6.05	51.26	--------
	FISH SCRAP.				
	THE BERG COMPANY, PHILADELPHIA, PA.				
9115	*Berg's Fish Meal,	Blank & Gottshall Co., Inc., Sunbury.	7.75	60.16	60.00
	CHESAPEAKE PLANT AND ANIMAL FOOD CO., BALTIMORE, MD.				
8619	Bay Brand Fish Meal,	Newtown Feed & Grain Co., Newtown.	8.01	58.06	60.00
	EZL. DUNWOODY CO., PHILADELPHIA, PA.				
9113	Fish Scraps,	Blank & Gottshall Co., Inc., Sunbury.	7.95	59.25	35–45
		Average,	7.90	59.16	--------
	TANKAGE.				
	THE BERG CO., PHILADELPHIA, PA.				
9512	*Berg's Digester Tankage,	Muth Bros., Elizabethtown.	7.62	60.63	60.00
8678	*Berg's Digester Tankage,	Pomona No. 3 Exchange, West Chester.	9.11	53.63	60.00
		Average,	8.36	57.13	--------
	DARLING & COMPANY, CHICAGO, ILL.				
8767	Darling's Digester Tankage,	P. J. Oesterling & Son, Butler.	10.87	59.38	60.00
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
8842	Dold's Quality Digester Tankage,	E. J. Welch, Plumville,	10.13	68.69	60.00
	KEYSTONE HIDE CO., LANCASTER, PA.				
9225	Keystone Meat Meal,	Hoffer & Garman, Harrisburg.	7.90	54.38	56.00
	KOLLER FERTILIZER COMPANY, SEITZLAND, PA.				
8719	Rellok Feeding Tankage,	Manchester Grange Cooperative Association, Emigsville.	10.47	59.38	60.00
	MIFFLIN COUNTY RENDERING CO., LEWISTOWN, PA.				
8368	Mifflin Tankage,	E. W. Fluke, Williamsburg.	7.05	47.00	41.50
	J. D. RAMSEY, PITTSBURGH, PA.				
9505	Ramsey's Feeding Tankage,	Peter Graff Milling Co., Worthington.	4.80	34.06	32–35
	A. F. REES, HANOVER, PA.				
8718	Rees' Pure High Protein Tankage,	Manchester Grange Cooperative Association, Emigsville.	9.45	37.89	49.25

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Continued.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
11.49	5.00	1.50	3.00	4 75	Animal products.	Meat scraps, --------	9111
9.93	5.00	3.15	3.00	4 25	Animal products.	Meat scraps, --------	9114
10.52	5.00	1.91	3.00	4 25	Animal products.	Meat scraps and tankage.	9152
10.23	--------	2.53	--------	4.25			
12.60	--------	1.49	--------	4 90			
8.67	8.00	0.35	2.00	3 75	Fish meal, ----------	As certified, ----------	9115
9.00	6.00	0.61	1.00	3 70	Fish meal, ----------	As certified, ----------	8619
9.86	7–9	0.73	1–3	3 75	Fish scraps, ----------	As certified, ----------	9113
9.18	--------	0.56	--------	3 73			
11.78	11.00	1.45	3.00	3 75	Digester tankage, ------	As certified, ----------	9512
9.80	10.00	1.60	5.00	3 75	Digester tankage, ------	Found also animal residue, and small amount of fish meat and bone residue .	8678
10.79	--------	1.52	--------	3 75			
4.07	0.50	2.82	3.00	3 75	Digester tankage, ------	As certified, ----------	8767
7.89	3.00	1.71	5.00	4 50	Digester tankage, ------	Found also large proportion vegetable fibrous material from paunch contents.	8842
8.20	8.00	4.58	4.00	3 35	Animal meat offal, -----	Tankage containing paunch contents or fertilizer tankage.	9225
11.61	4.00	1.81	5.00	3 50	Tankage, ----------	As certified, ----------	8719
20.74	20.00	1.90	3.00	2 75	Tankage, ----------	As certified, ----------	8368
12.44	10–12	2.59	3.00	2 25	Tankage, ----------	Found also hair, ----	9505
10.08	17.25	2.94	1.72	3 00	Tankage, ----------	Tankage. Mouldy and damaged.	8718

TABLE III.—ANALYSES OF SAMPLES OF

Chemist's number.	Name and Address of Manufacturer or Importer and Brand Name.	Sampled From	Moisture.	Protein. Found.	Protein. Guaranteed.
	ROBERT A. REICHARD, ALLENTOWN, PA.		%	%	%
8999	Reichard's 60% Digester Tankage, --	Waldo Brothers, Wysox,	10.15	57.31	60.00
	THE STADLER PRODUCTS CO., CLEVELAND, OHIO.				
9434	Stadler's Digester Tankage, --------	J. H. Lavery's Sons, Franklin.	9.03	61.56	60.00
9524	Stadler's Digester Tankage, --------	George E. McQuiston, Grove City.	6.17	62.81	60.00
		Average, ----------	7.60	62.19	--------
	SWIFT & COMPANY, NEWARK, N. J.				
9138	Swift's Digester Tankage, ---------	John B. Curry's Sons, Swatara.	7.21	64.69	60.00
8881	Swift's Digester Tankage, ---------	S. S. Detweiler, Quakertown.	7.30	59.38	60.00
9584	Swift's Digester Tankage, ---------	Oil City Milling Co., Oil City.	8.60	64.63	60.00
		Average, ----------	7.70	62.90	--------
9653	Swift's Gromeal for Hogs, --------	F. W. Dawson & Son, Williamsport.	8.50	51.06	50.00
8981	Swift's Gromeal for Hogs, --------	C. B. Tyler, Tunkhannock.	9.06	54.25	50.00
		Average, ----------	8.78	52.66	--------
	THE VAN IDERSTINE CO., LONG ISLAND CITY, N. Y.				
9112	Van Iderstine's Digester Tankage 50% Protein for Hogs.	Blank & Gottshall Co., Inc., Sunbury.	6.81	48.88	50.00
		Total average, ----	8.34	55.53	--------
	POULTRY BONE.				
	THE BERG COMPANY, PHILADELPHIA, PA.				
9116	*Poultry Bone No. Five, ----------	Blank & Gottshall Co., Inc., Sunbury.	5.98	27.44	--------
9117	*Poultry Bone Meal, ----------	Blank & Gottshall Co., Inc., Sunbury.	6.02	26.06	--------
	SWIFT & COMPANY, NEWARK, N. J.				
9137	Swift's Poultry Bone Meal, --------	John B. Curry's Sons, Swatara.	6.33	29.25	25.00
		Average, ----------	6.11	27.59	--------

*Not Registered.

FEEDING STUFFS COLLECTED IN 1922—Concluded.

Fat.		Fiber.		Price per ton or cwt.	Certified Composition.	Identified by Microscopical Examination.	Chemist's number.
Found.	Guaranteed.	Found.	Guaranteed.				
%	%	%	%	$			
5.80	5.00	2.80	4.00	3 90	Digester tankage,	As certified,	8999
7.14	1.00	1.99	4.00	4.75	Digester tankage,	As certified,	9434
7.95	1.00	1.67	4.00	4 25	Digester tankage,	As certified,	9524
7.55		1.83		4.50			
7.07	5.00	1.66	3.00	3 60	Digester tankage,	As certified,	9138
8.59	5.00	1.50	3.00	3 50	Digester tankage,	As certified,	8881
8.70	5.00	1.56	3.00	3 80	Digester tankage,	As certified,	9584
8.12		1.57		3 63			
10.49	3.00	1.48	5.00	3 50	Meat, blood, bone,	Tankage,	9653
6.60	3.00	2.04	5.00	3 50	Meat and bone meal,	Tankage,	8981
8.55		1.76		3 50			
15.43	1.00	4.11	3.50	3 50	Digester tankage,	As certified,	9112
9.69		2.23		3 61			
2.79		4.40		3 75	Poultry bone,	As certified,	9116
0.86		5.16		3 75	Poultry bone meal,	As certified,	9117
4.44	2.00	4.09	3.00	4 00	Poultry bone meal,	As certified,	9137
2.70		4.55		3 83			